

EPA STRATEGIC GOAL:	1.	Core Mission: Deliver real results to provide Americans with clean air, land, and water								
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		1.1	Improve Air Quality							
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 15,517 (7.46 FTE) labor hours, at an estimated cost of \$1,076,600 , and \$112,769 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 15,517 (7.46 FTE) labor hours at a cost of \$1,076,600 and \$112,769 in non-personnel costs. In addition to \$0 PPG State match, \$0 will be contributed from non-PPG State match, \$0 from additional State funding sources, \$0 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$1,189,369 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.										
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact	
		DATE	OUTPUT	DATE	OUTPUT					
1.1.1 by Value Stream Name	Planning, Program Development and Implementation					7.46 FTE; \$1,189,369 Cost				
2503 Air Improvement Planning	Improve air quality and potentially take action on climate change through the development of non-attainment area and maintenance area revisions to the State Implementation Plan (SIP) for the abatement and control of air pollution. This responsibility includes working with the two County air quality planning programs and one County air quality district to develop and submit State Implementation Plan revisions and as well as development and submittal of State Implementation Plan revisions for planning areas in ADEQ's jurisdiction.							Lauren Maghran	Brian Parkey	
	Submit non-attainment area State Implementation Plans for the									
	Yuma Ozone	6/30/2020	100%							
	Yuma PM ₁₀ Plan	6/30/2020	100%							
	Submit re-designation to attainment State Implementation Plans for									
	Ajo PM ₁₀ Re-designation	12/31/2018	100%							
	Douglas-Paul Spur PM ₁₀ Re-designation	6/30/2019	100%							
	Hayden PM ₁₀ Re-designation	6/30/2019	100%							
	Miami PM ₁₀ Re-designation	12/31/2018	100%							
	Rillito PM ₁₀ Re-designation	6/30/2020	90%							
	Nogales PM _{2.5} Re-designation	6/30/2019	100%							
	Submit other Clean Air Act required State Implementation Plans:									
	Regional Haze Update	6/30/2020	50%							
	All PM10 and PM2.5 Infrastructure SIPs	6/30/2020	90%							
	Ozone Infrastructure SIP	12/31/2019	100%							
	Agriculture BMP	6/30/2020	90%							
	Landfill (111d)	12/31/2019	100%							
2503 Air Improvement Planning	Improve air quality by enhancing shared accountability through partnering with the counties in Arizona to implement a voluntary lawn and garden equipment reduction program. **SEE OBJECTIVE 2.1.1 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Brian Parkey	
2503 Air Improvement Planning	Improve air quality through administering and providing oversight to the Trip Reduction Program (TRP) for Counties within Arizona State. **SEE OBJECTIVE 2.1.1 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Brian Parkey	
1.1.2 by Value Stream Name	Permitting and Certifications					0 FTE; \$0 Cost				
2501 Monitoring & Assessment	Improve air quality by improving the efficiency and effectiveness of the Smoke Management Program, which is specific to forest and rangeland prescribed burns performed by federal and state land managers and also involves the tracking and response to wildfire smoke impacts. **SEE OBJECTIVE 3.5.2 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Brad Busby	
1.1.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost				
2502 Facilities Emissions Control	Improve air quality by maintaining the effective means to achieve compliance with provisions of the Federal Asbestos National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations for jurisdictional counties. This program requires field inspections, public outreach, and enforcement activities to ensure compliance with the thorough survey, requirements, notification, emissions controls, waste disposal and management statutes and regulations. Asbestos NESHAP sources are defined to include any applicable ongoing demolition or renovation activity at a defined facility. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Balaji Vaidyanathan	

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2S02 Facilities Emissions Control	Improve air quality through the maintenance of the Agricultural Best Management Practices (AgBMP) program, to reduce the amount of particulate matter (PM10) emissions in the PM10 from agricultural sources in the nonattainment areas of Maricopa, Pinal, and Yuma Counties. This program comprises field inspections, public outreach, and enforcement activities to ensure compliance with the Ag MBP PM10 general permit record requirements. Ag BMP PM10 general permit records are required for commercial sources including crop operations, dairy operations, beef cattle feedlots, poultry facilities, and swine facilities. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Balaji Vaidyanathan
2S05 Vehicle Emissions Control	Improve air quality through administering the Vehicle Emissions Control Program, which ensures that all registered Arizona vehicles comply with air quality standards through testing. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Steve Calderon
1.1.4 <small>by Value Stream Name</small>	Project Management					0 FTE; \$0 Cost			
1.1.5 <small>by Value Stream Name</small>	Data Management and Reporting					0 FTE; \$0 Cost			
2S01 Monitoring & Assessment	Improve air quality through continued support and improvement of the ambient air monitoring data collection system, AirVision, including maintenance and upgrades of the software, including providing near-real-time public access to data. **SEE OBJECTIVE 3.5.5 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Brad Busby
2S03 Air Improvement Planning	Improve air quality through the development of a standardized pollutant-specific, area source, statewide emissions inventory of NOx and VOC air pollutant emission sources within the boundaries of the State for reporting emissions data to EPA and for use in technical analyses and area-specific State Implementation Plans. **SEE OBJECTIVE 3.3.5 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Brian Parkey
1.1.6 <small>by Value Stream Name</small>	Monitoring					0 FTE; \$0 Cost			
2S01 Monitoring & Assessment	Improve air quality by continuously evaluating and improving network design, site operations, data collection and processing, quality assurance and control, and reporting activities during the grant period. **SEE OBJECTIVE 3.5.6 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Brad Busby
1.1.7 <small>by Value Stream Name</small>	Outreach (includes Border and Public Participation)					0 FTE; \$0 Cost			
1S06 Legislative Affairs	Improve air quality by promoting actions to measure air pollution concentrations, identify significant sources of air pollution, and work with the Mexican governments to reduce emissions around the Arizona-Mexico border. This output is administered through a partnership with the ADEQ Legislative Affairs Value Stream (1S06). **SEE OBJECTIVE 2.1.7 FOR OUTPUT & PERFORMANCE MEASURES **							Lauren Maghran	Edna Mendoza
1.1.8 <small>by Value Stream Name</small>	Grantor-Provided Requirements					0 FTE; \$0 Cost			
2S01 Monitoring & Assessment	Improve air quality by passing grant money to the Pinal County Air Quality Control District to assist in on-going program obligations. These obligations include operation of an ambient monitoring program, a compliance and inspection program, tracking of specific rules required under the West Pinal PM10 SIP, air quality reporting and forecasting, and general administrative overhead associated with the department. **SEE OBJECTIVE 2.1.8 FOR OUTPUT & PERFORMANCE MEASURES **						Pinal County AQC District Budget	Lauren Maghran	Brad Busby
1.1	Objective Total - FYTD					7.46 FTE; \$1,189,369 Cost			
	PPG Only Total					7.46 FTE; \$1,189,369 Cost			

EPA STRATEGIC GOAL:	1.	Core Mission: Deliver real results to provide Americans with clean air, land, and water							
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		1.2	Provide for Clean and Safe Water						
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 130,520 (62.75 FTE) labor hours, at an estimated cost of \$8,488,300, \$3,864,2648 in non-personnel costs, and \$100,000 in Aid to Organizations will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 41,163 (19.79 FTE) labor hours at a cost of \$2,559,400 and \$789,915 in non-personnel costs. In addition to \$371,984 PPG State match, \$0 will be contributed from non-PPG State match, \$5,201,811 from additional State funding sources, \$1,860,638 from Intergovernmental Agreements, and \$1,669,200 from other Federal sources. The total expenditure is estimated to be \$12,452,948 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.									
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1.2.1 by Value Stream Name	Planning, Program Development, and Implementation					16.95 FTE; \$2,953,671 Cost			
4S03 Surface Water Quality Improvement Planning	Provide for clean and safe water by administering state and federal requirements of regional Water Quality Management Planning Program (CWA 604b Program).							Jared Vollmer	Krista Osterberg
	Oversee ongoing WQM planning projects to ensure timely completion. Report status of WQMP projects received.	6/30/2019 6/30/2020							
	Award SFY19 WQMP projects	8/15/2018							
	Release WQMP RFP for SFY20 - 100% of funds will be competed	4/1/2019							
4S03 Surface Water Quality Improvement Planning	Provide for clean and safe water by performing support activities for surface water program including development of program rules, procedures, and policies.							Jared Vollmer	Krista Osterberg
	Provide draft Triennial Review to EPA for early engagement	8/30/2018							
	Finalize triennial review								
	Meet with Governor's Regulatory Review Council (Strategy 1.a.ii)	10/5/2018							
	Submit to EPA for final approval (Strategy 1.a.ii)	12/4/2018							
	Prepare draft narrative lakes nutrient criteria and implementation procedures for public comment. (Strategy 1.1.ii)	6/30/2018							
4S03 Surface Water Quality Improvement Planning	Provide for clean and safe water by planning and managing a Nonpoint Source (NPS) program, including the development of watershed planning documents (TMDLs, WQIPs, and EPA approved alternative plans) to improve surface water quality.							Matt Bolt and Jared Vollmer	Krista Osterberg
	Complete TMDLs for Queen Creek (6) (Strategy 1.c.i)	9/30/2018						Matt Bolt	
	Submit draft Upper Santa Cruz Clean Water Plan to EPA (4) (Strategy 1.c.i)	5/31/2018						Matt Bolt/Jared Vollmer	
	Complete Santa Cruz Clean Water Plan and submit for EPA approval	12/31/2018				Draft plan due 6/30/2018 from FY2018 PPG		Matt Bolt	
	Share draft San Pedro Clean Water Plan with EPA	10/1/2019						Matt Bolt	
	Complete San Pedro Clean Water Plan and submit for EPA approval	12/31/2019						Matt Bolt	
	Continue Davidson Canyon baseline monitoring and draft data summary (Strategy 1.c.i)	6/30/2020						Matt Bolt	
	Identify high-priority restoration and protection watersheds for NPS resources and share with EPA/on ADEQ website. (Strategy 1.b.i; Strategy 1.b.ii)	9/30/2018 9/30/2019						Matt Bolt/Jared Vollmer	

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	NPS Program Planning							Jared Vollmer	
	Host multi-agency nonpoint source prioritization meeting (Objective 3.c)	12/31/2018 12/31/2019							
	Coordinate with NRCS on National Water Quality Initiative (NWQI) planning and outreach activities for FY20. (Strategy	6/30/2019 6/30/2020							
	WQIG Cycle Development							Jared Vollmer	
	Host 2 project planning events for potential grantees (Strategy 3.b.ii; Strategy 3.c.i)	6/30/2019 6/30/2020	2 events 2 events						
	Release WQIG Cycle 22 RFGA	4/1/2019							
	Award Cycle 21 project grants	9/30/2018							
	Award Cycle 22 project grants	9/30/2019							
4S04 Safe Drinking Water	Provide for clean and safe water by ensuring that new community water systems and non-transient, non-community water systems, which commenced operations since October 1, 1999, can demonstrate technical, managerial and financial capacity to operate in compliance with the requirements contained in the federal regulations in effect at the time the water system begins operations.								Daniel Czecholinski
	Continue WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Identify technical, managerial and financial (TMF) obstacles/challenges faced by existing systems and implement strategies to address.								
	Report permitting decisions on elementary business plan applications.	Semi-Annual							
	Conduct ongoing training for PWS staff/certified operators which, at a minimum, will include the following topics:								
	Monitoring Assistance Program	Annually	2			Planned Output is for each year.			
	New PWS capacity development	Annually	2			Planned Output is for each year.			
	EMP/ERP/VA	Annually	2			Planned Output is for each year.			
	Existing Safe Drinking Water rules	Annually	4			Planned Output is for each year.			
	FY 18 Annual Report	8/31/2018							
	FY 19 Annual Report	8/31/2019							
	Re-evaluate the capacity development programs as part of the development of the small systems compliance strategy.	6/30/2019							
4S05 Water Reuse	Provide for clean and safe water by maintaining transparency and public participation in rulemaking regarding recycled water and by administering the Water Re-Use Program. **SEE OBJECTIVE 2.2.1 FOR OUTPUT & PERFORMANCE MEASURES **								David Dunaway
4S00 Water Quality Division	Provide for clean and safe water by coordinating the development and amendment of annual water quality work plans and grants. Plan control and monitor expenditures of manpower and state/federal financial resources.								Randy Matas
	Develop two-year FY19 and FY20 Integrated Water Quality Division Work plan and submit to EPA.								
	FY20 Draft	3/1/2019							
	FY20 Final	5/31/2019							
	FY21 Draft	3/1/2020							
	FY21 Final	5/31/2020							
	Coordinate development of performance reports								
	Final FY18 Output Report to EPA	8/31/2018							
	FY19 Mid-Year Output Report to EPA	2/15/2019							
	Final FY19 Output Report to EPA	8/31/2019							
	FY20 Mid-Year Output Report to EPA	2/15/2020							
	Final FY20 Output Report to EPA	8/31/2020							

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	WQ Planning documents								
	Submit a mid-year budget status summary for federal funds	2/15/2019 2/15/2020							
4S00 Water Quality Division	Provide for clean and safe water by managing the Water Quality Division and Section programs. Perform managerial, administrative, and other program duties. Advise management team and provide guidance and training to staff. Provide program oversight and guidance to regional staff performing tasks under the integrated work plan. Coordinate development and implementation of delegation agreements. Coordinate necessary rules and policy development for division programs. Provide senior level technical, regulatory and hydrologic support to the Division Director, the Water Quality Division, and the agency. Develop concise, comprehensive, and technically and legally defensible products supporting development, implementation, and interpretation of WWQD programs. Process fees and related administrative tasks for the Division.								Randy Matas
	Participate in EPA/ADEQ grant meetings:								
	End of year review for FY18	9/30/2018							
	Mid-year review for FY19	2/28/2019							
	EPA negotiation meetings for FY20	3/31/2019							
	End of year review for FY19	9/30/2019							
	Mid-year review for FY20	2/28/2020							
	EPA negotiation meetings for FY21	3/31/2020							
	Manage division rules agenda								
	5-year reviews	6/30/2019 6/30/2020							
	Executive Order 2015-01 reducing regulatory burden	8/1/2019 8/1/2020							
	Rule packages with governor's exemption	6/30/2019 6/30/2020							
	If resources are available, ADEQ will attend the:	6/30/2019 6/30/2020							
	Fall ASDWA meetings and associated ASDWA-EPA roundtable								
	If resources are available, ADEQ will attend the:	6/30/2019 6/30/2020							
	Spring ASDWA meetings and associated ASDWA-EPA								
	If resources are available, ADEQ will attend the EPA Region 9 State Directors Meeting	6/30/2019 6/30/2020							
	If resources are available, ADEQ will participate in rule development workgroups/workshops as requested by ASDWA or EPA.	6/30/2019 6/30/2020							
1.2.2 by Value Stream Name	Permitting and Certifications					22.91 FTE; \$3,916,871 Cost			
4S01 Groundwater Protection	Provide for clean and safe water by administering Arizona's groundwater protection program to protect Arizona's aquifers as drinking water sources. Maintain compliance with these programs through effective permitting in accordance with Department rules, practices, and policies. Assist individual wastewater systems to improve operations on site.								David Dunaway
	Report number of permitting decisions on Type 4 General Permit applications for on-site wastewater treatment systems and sewage collection systems.								
	Construction Authorizations (Strategy 2.b.i)	Semi-Annual							
	Discharge Authorizations (Strategy 2.b.i)	Semi-Annual							
	Report number of permitting decisions on Certificates of Approval of Sanitary Facilities for Subdivisions applications. (Strategy 3.a.i)	Semi-Annual	Report Decisions-Sanitary Facilities						
	Report on groundwater issues related to underground injection via	Semi-Annual	Report Issues						
	Report number of permitting decisions on APP and reclaimed water permit applications.	Semi-Annual							

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	Provide technical support to WQIG on grant applications & public education. (Strategy 3.a.i)	As needed							
	Register existing and new dry wells (Class V injection wells). Report number registered.	Semi-Annual	Report Registrations						
	Provide list of APP recharge applications in progress.	Semi-Annual	Application List Provided						
	Review hydrologic reports, attend meetings and provide technical support on projects related to mitigation orders.	As needed							
	Manage the Pesticide Contamination Prevention Program								
	Evaluate potential for agriculture use pesticide active ingredients to reach and/or impact groundwater.	Semi-Annual	Report # processed						
	Publish the annual Groundwater Protection List (GWPL)	Semi-Annual	Publish List						
	Protect water resources from contamination by training and certifying Arizona's wastewater treatment plant operators								
	Report number of certificates issued and renewed by grade for wastewater collections and wastewater treatment.	Semi-Annual	Report						
	Conduct training workshops for the community of wastewater treatment plant operators; report number of events conducted.	Semi-Annual	Report (10)			Target is 10 events in FY19.			
4S02 Surface Water Protection	Provide for clean and safe water by administering CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards. **SEE OBJECTIVE 3.4.2 FOR OUTPUT & PERFORMANCE MEASURES **								Krista Osterberg
4S02 Surface Water Protection	Provide for clean and safe water by administering federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies. **SEE OBJECTIVE 3.4.2 FOR OUTPUT & PERFORMANCE MEASURES **								Krista Osterberg
4S04 Safe Drinking Water	Provide for clean and safe water by performing Drinking Water Plan Reviews **SEE OBJECTIVE 3.4.2 FOR OUTPUT & PERFORMANCE MEASURES **								Krista Osterberg
4S04 Safe Drinking Water	Provide for clean and safe water by adhering to the requirements of the Safe Drinking Water Act. The Safe Drinking Water Act requires states to adopt and implement a program for certification and recertification of the operators of community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that meet the minimum standards set forth in guidelines to be published by EPA.								Daniel Czecholinski
	ADEQ will conduct certification exams or contract with third party to conduct exams statewide, maintain registry of certified operators, and process and resolve disputes between persons and third party testers. ADEQ will continue outreach on the proposed operator certification fee rule as needed.								
	Conduct training workshops		6 Workshops Conducted			Planned Output is for each year.			
	Report Certificates issued by class and grade	Semi-Annual	Report Produced						
	Distribution Grade 1	Semi-Annual							
	Distribution Grade 2	Semi-Annual							
	Distribution Grade 3	Semi-Annual							
	Distribution Grade 4	Semi-Annual							
	Treatment Grade 1	Semi-Annual							
	Treatment Grade 2	Semi-Annual							
	Treatment Grade 3	Semi-Annual							
	Treatment Grade 4	Semi-Annual							
	Review and verify professional development hours for certification renewals		10%						

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	Conduct annual audit of approved third party proctors		100%						
	FY18 Annual Report to EPA	8/31/2018	Report Produced						
	FY19 Annual Report to EPA	8/31/2019	Report Produced						
4S04 Safe Drinking Water	Provide for clean and safe water by providing water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements. **SEE OBJECTIVE 3.4.2 FOR OUTPUT & PERFORMANCE MEASURES **								Daniel Czecholinski
4S05 Water Reuse	Provide for clean and safe water by ensuring Arizona's water supply remains sustainable by promoting recycled water to it's highest and best use. Maintain compliance with recycled/reclaimed water programs through effective permitting in accordance with Department rules, practices, and policies.								David Dunaway
	Report number of permitting decisions on recycled/reclaimed water.	Semi-Annual							
4S05 Water Reuse	Provide for clean and safe water by creating guidance documents to support permittees in understanding what is current best practices of preventing pollution from impacting groundwater. Arizona's rules and statutes specify facilities use the Best Available Demonstrated Control Technology (BADCT). These updated guidance documents and manuals will allow faster permit issuance with updated technologies, while providing consistency and certainty to the regulated community. **SEE OBJECTIVE 3.2.2 FOR OUTPUT & PERFORMANCE MEASURES **								David Dunaway
1.2.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost			
4S05 Water Reuse	Provide for clean and safe water by implementing compliance and enforcement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize compliance assistance, outreach to prevent violations or situations jeopardizing Arizona's groundwater from occurring. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **								David Dunaway
4S02 Surface Water Protection	Provide for clean and safe water by conducting site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2004). **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **								Krista Osterberg
4S04 Safe Drinking Water	Provide for clean and safe water by conducting compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies. Populate SDWIS sanitary survey fields. Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress toward meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **								Daniel Czecholinski
4S04 Safe Drinking Water	Provide for clean and safe water by continuing WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **								Daniel Czecholinski
1.2.4 by Value Stream Name	Project Management					4.49 FTE; \$2,663,347 Cost			
4S03 Surface Water Quality Improvement	Provide for clean and safe water by implementing watershed planning documents and other projects to protect and restore surface water quality. Conduct effectiveness monitoring and evaluations to track resulting water quality improvements. Report on NPS program progress and successes.							Jared Vollmer	Krista Osterberg
	Oversee active Water Quality Improvement/Watershed Preservation grants and technical support contracts to ensure timely completion. (Objective 2.a; Strategy 3.b.iii)								
	19-002 Menges Ranch Water System Maintenance Project; Little Colorado River WS; WQIG; Sediment	Closes 4/30/2019							
	19-003 Wetland Restoration on O'Donnell Creek; San Pedro River WS; WQIG, <i>E. coli</i>	Closes 4/30/2019							
	20-001 Miller Creek Bathroom; Granite Creek WS; WQIG; <i>E. coli</i>	Closes 10/31/2019							

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	20-002 Sierra Ancha Trail Restoration; Salt River WS; WPG; Sediment	Closes 10/31/2019							
	20-003 Youth led Erosion and <i>E. coli</i> Mitigation in Nogales Wash and Santa Cruz Watersheds; Santa Cruz River WS; WQIG; <i>E. coli</i> /Sediment	Closes 10/31/2019							
	20-004 Sediment Discharge Reduction through Brush Management in Altar Valley; Santa Cruz River WS; WPG; Sediment/ <i>E. coli</i>	Closes 10/31/2019							
	20-005 Carrol Canyon Erosion Control to Protect Oak Creek; Oak Creek WS; WQIG; <i>E. coli</i>	Closes 10/31/2019							
	20-006 Buckhorn Water Enhancements Project; Verde River WS; WPG; Sediment	Closes 10/31/2019							
	20-007 Rogers/Lee Ranch Streambank Treatment for Sediment Reduction; Little Colorado River WS; WQIG; Sediment	Closes 10/31/2019							
	20-008 Knight Ranch Sediment Basins Rehabilitation; Little Colorado River WS; WQIG; Sediment	Closes 10/31/2019							
	Master Watershed Stewards UA contract	Extended into FY19							
	Contract with AGFD to implement watershed improvement projects	Extended into FY19							
	Future WQIG projects in Mexico implementing BMPs to reduce NPS pollution in AZ								
	Effectiveness monitoring and BMP evaluations								
	Develop Effectiveness Monitoring & Evaluation plan to identify key sites for FY20 (Strategy 4.a.i)	5/31/2019							
	Develop Effectiveness Monitoring & Evaluation plan to identify key sites for FY20 (Strategy 4.a.i)	5/31/2020							
	Implement FY19 Effectiveness Monitoring & Evaluation Plan (Strategy 4.a.i)	6/30/2019							
	Implement FY19 Effectiveness Monitoring & Evaluation Plan (Strategy 4.a.i)	6/30/2020							
	Conduct San Pedro Effectiveness Monitoring and BMP Evaluations	6/30/2019 6/30/2020							
	Continue Big Bug Effectiveness Monitoring	6/30/2019							
	Complete Big Bug Data Summary	6/30/2020							
	Continue Mule Gulch Effectiveness Monitoring	6/30/2019							
	Complete Mule Gulch Data Summary	4/30/2020							
	Continue Boulder Creek Effectiveness Monitoring	6/30/2019							
	Complete Boulder Creek Effectiveness Monitoring	6/30/2020							
	Submit Pinto Creek TMDL for EPA approval (Strategy 1.ci);	9/30/2018						Matt Bolt/CWA 106	
	Continue Pinto Creek Effectiveness Monitoring	6/30/2019 6/30/2020							
	Continue Alum Gulch Effectiveness Monitoring	6/30/2019							
	Begin French Gulch Effectiveness Monitoring and deploy	10/31/2018							
	Conduct Little Colorado Effectiveness Monitoring and BMP Evaluations	6/30/2019 6/30/2020							

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	Implement general nonpoint source education, outreach, and technical support activities as requested. (Strategy 1.c.ii; Strategy 1.c.iii; Strategy								
	Citizen Science Program								
	Train volunteers in Arizona watersheds	6/30/2019 6/30/2020							
	Review and enter all volunteer data into WQDB	6/30/2019 6/30/2020							
	Enter load reduction data into GRTS in accordance with EPA requirements and deadlines and ensure mandated elements are up	2/15/2019 2/15/2020							
	Draft and submit Turkey Creek SP-12 report to EPA (Objective 4.b)	6/30/2019							
	Draft and submit two WQ-10 and/or SP-12 reports to EPA (Objective	6/30/2020	2 Reports						
	NWQI reporting (Objective 4.b)	6/30/2019 6/30/2020							
	Conduct monthly update calls with EPA Region 9 (Objective 4.b)	Monthly							
	Report on annual progress of implementing the 2015-2019 NPS 5-year plan.								
	Submit draft annual report to EPA for review and comment (Objective 4.b)	7/31/2018							
	Submit final annual report to EPA (Objective 4.b)	9/30/2018							
	Submit Draft 2020-2024 NPS 5-year plan	2/28/2019							
	Submit Final 2020-2024 NPS 5-year plan	6/30/2019				Target = EPA Approval by 7/2019			
	Report on annual progress of implementing the 2020-2024 NPS 5-year plan.								
	Submit draft annual report to EPA for review and comment (Objective 4.b)	7/31/2019							
	Submit final annual report to EPA (Objective 4.b)	9/30/2020							
4S04 Safe Drinking Water	Provide for clean and safe water by identifying protective strategies and assist individual public water systems with the planning, development and application of measures/actions necessary to implement the Source Water Protection Program. Targets are our goals; however, the actual numbers achieved rely on the willingness and ability of public water systems to participate in the voluntary source water protection program (SWPP).								Daniel Czecholinski
	a) Source Water Protection - provide technical assistance in planning and implementing local Source Water Protection for public water systems throughout Arizona.								
	b) Source Water Assessments - perform or assist in the development of assessments for new individual sources or new systems which voluntarily choose to participate in source water protection by delineating source water protection areas, inventorying potential sources of contamination and performing vulnerability/susceptibility analysis.								
	c) GUDI/Suspect GUDI Evaluations/Hydrology reviews - Make sensitivity determinations for PWSs/sources through reviews of occurrence data, sanitary surveys, and hydrological characterizations.								
	Conduct Source Water Protection Program outreach events with individual PWSs.	6/30/2019 6/30/2020	6 6						
	Delineate source water assessment areas for new PWSs/sources or reassess/update existing assessment areas.								
	Collect locational data using GPS and/or GIS for new drinking water sources or modify/update locational information for existing sources.	6/30/2019 6/30/2020	2 2						

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Conduct comprehensive inventories of potential sources of contamination.	6/30/2019 6/30/2020	6 6						
	Collect locational data using GPS and/or GIS for potential sources of contamination (chemical use/storage) within 1/2 mile radius of a new or existing drinking water source.	6/30/2019 6/30/2020	3 3						
	Identify any changes in trends to the previously identified, most prevalent, and most threatening potential sources of contamination.	6/30/2019							
	Assist public water systems to identify protection strategies and to implement those strategies.								
	Use new and updated SW assessment as part of a PWS's development of a SW Protection Plan	6/30/2019 6/30/2020	4 4						
	Participate in regional source water protection calls/forums.	As scheduled / needed							
1.2.5 by Value Stream Name	Data Management and Reporting					5.00 FTE; \$557,665 Cost			
4S01 Groundwater Protection	Provide for clean and safe water by entering and evaluating data submitted by permittees under the APP program and results from the ambient aquifer monitoring program to inform accurate permitting and enforcement decisions in order to protect Arizona's aquifers as underground sources of drinking water.								David Dunaway
1.2.5	Maintain and update Groundwater databases and reporting systems.	Ongoing							
	Provide analytical support to management for better decision making and allocation of resources	Ongoing							
4S03 Surface Water	Provide for clean and safe water by developing Integrated Report of Impaired Waters.								Krista Osterberg
1.2.5	Share draft 2018 303(d) list of delisted waters, Mercury impairments, and response to comments	7/1/2018							
	Send 2018 303(d) list of delisted waters, Mercury impairments and supporting information to EPA after publishing in the Arizona Administrative Register and the public comment periods.	9/1/2018							
	Share draft assessment 2020/2018 305(b) and 2020/partial 2018 303(d) as Intergrated Report with EPA	1/30/2020							
	Develop 2020/2018 305(b) and 2020/partial 2018 303(d) Integrated Report.	4/1/2020							
	Load assessment data to attains (Strategy 1.a.i)	4/1/2020							
	Send final 2020 assessment to EPA via ATTAINS	6/30/2020							
	Provide annual summary of data flowing to WQX/water quality portal.	8/30/2018 8/31/2019 9/1/2020							
	Provide quarterly summary of amount of records flowing to	Quarterly							
4S00 Water Quality Division	Provide for clean and safe water by facilitating the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate and improve the efficiency and effectiveness of water data capture, storage, access, retrievals, analysis, integration, and sharing. **SEE OBJECTIVE 3.5.5 FOR OUTPUT & PERFORMANCE MEASURES **								Randy Matas
1.2.6 by Value Stream Name	Monitoring (Data Collected, Equipment)					13.40FTE; \$2,361,430 Cost			
4S01 Groundwater Protection	Provide for clean and safe water by monitoring groundwater discharges.								David Dunaway

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
1.2.6	Evaluate potential drinking water source impacts from ongoing and unauthorized discharges to groundwater.								
	Report list of ongoing and impactful facilities discharging to groundwater.	Semi-Annual	Provide List						
	Produce report of potential impacts to water supplies at sites identified above.	Annual	Report (4)			Target is 4 reports from highest prioritized sites.			
4S03 Surface Water Quality Improvement Planning	Provide for clean and safe water by administering ambient monitoring program, which includes rivers and streams, lakes and reservoirs, groundwater, fish tissue and sediment sampling for priority pollutants. Monitoring to include targeted characterization, planning and/or probabilistic sites in support of 305(b) assesment process, maintaining designated uses, and CWA-SDWA coordination.							Matt Bolt	Krista Osterberg
	Conduct ambient lake, fish, and stream monitoring according to the FY19 sample plans throughout Arizona.	6/30/2019							
	Conduct ambient lake, fish, and stream monitoring according to the FY20 sample plans throughout Arizona.	6/30/2020							
	Send FY19 SAP to EPA (Strategy 1.a.i)	8/31/2018							
	Send FY20 SAP to EPA (Strategy 1.a.i)	8/31/2019							
	Prepare FY20 ambient monitoring plan (Strategy 1.a.i)	6/30/2019							
	Prepare FY21 ambient monitoring plan (Strategy 1.a.i)	6/30/2020							
	Prepare interim update to Comprehensive Monitoring Strategy; share with EPA	6/30/2018				Interim update due 6/30/2018 from FY2018 PPG			
	Share draft Comprehensive Monitoring Strategy with EPA	1/30/2020							
	Prepare Arizona's Comprehensive Monitoring Strategy	6/30/2020							
4S02 Surface Water Protection	Provide for clean and safe water by administering the Monitoring Initiative (MI) program for implementation of Arizona approved comprehensive monitoring strategy.								Krista Osterberg
	Conduct nutrient monitoring for Rivers and Streams per FY19 sampling and analysis plan. (Strategy 1.a.i; Strategy 1.b.ii)	Quarterly							
	Conduct nutrient monitoring for Rivers and Streams per FY20	Quarterly							
	Fish Probablistic Study data collection	6/30/2020							
	Fish Probablistic Study data collection & Report, share with EPA	6/30/2021							
4S04 Safe Drinking Water	Provide for clean and safe water by performing the activities that support all the monitoring and reporting requirements for public drinking water systems in accordance with state and federal drinking water rules. **SEE OBJECTIVE 3.4.6 FOR OUTPUT & PERFORMANCE MEASURES **								Daniel Czecholinski
4S04 Safe Drinking Water	Provide for clean and safe water by assisting small public water systems serving fewer than 10,000 populations with improving system compliance through creating consistency and certainty for the regulated community by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed. **SEE OBJECTIVE 3.2.6 FOR OUTPUT & PERFORMANCE MEASURES **								Daniel Czecholinski
1.2.7 by Value Stream Name	Outreach (includes Border and Public Participation)					0 FTE; \$0 Cost			
1S06 Legislative Affairs	Provide for clean and safe water by continuing implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region. Coordinate with EPA on Border 2020, or subsequent U.S. Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program. This output is administered through a partnership with the ADEQ Legislative Affairs Value Streams (1S06). **SEE OBJECTIVE 2.1.7 FOR OUTPUT & PERFORMANCE MEASURES **								Edna Mendoza & Randy Matas

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
4S01 <small>Groundwater Protection</small>	Provide for clean and safe water by continuing to pursue primacy over all classes of wells in the Underground Injection Control program. OBJECTIVE 2.2.7 FOR OUTPUT & PERFORMANCE MEASURES **					**SEE			David Dunaway
4S05 <small>Water Reuse</small>	Provide for clean and safe water by maintaining transparency and public participation in rulemaking regarding recycled water. OBJECTIVE 2.2.7 FOR OUTPUT & PERFORMANCE MEASURES **					**SEE			David Dunaway
1.2.8 <small>by Value Stream Name</small>	Grantor-Provided Requirements (Grant-specific pass-throughs)					0 FTE; \$0 Cost			
1.2	Objective Total - FYTD					62.75 FTE; \$12,452,948 Cost			
	PPG Only Total					19.79 FTE; \$3,349,315 Cost			

EPA STRATEGIC GOAL:		1.	Core Mission: Deliver real results to provide Americans with clean air, land, and water							
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		1.3	Revitalize Land and Prevent Contamination							
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 8,008 (3.85 FTE) labor hours, at an estimated cost of \$536,500 , and \$74,816 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 5,928 (2.85 FTE) labor hours at a cost of \$377,900 and \$49,163 in non-personnel costs. In addition to \$72,613 PPG State match, \$0 will be contributed from non-PPG State match, \$111,640 from additional State funding sources, \$0 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$611,316 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.										
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact	
		DATE	OUTPUT	DATE	OUTPUT					
1.3.1 by Value Stream Name	Planning, Program Development and Implementation					.40 FTE; \$72,191 Cost				
3S02 Hazardous Waste	Revitalize land and prevent contamination through effective management of ADEQ's Hazardous Waste Program, administration of the RCRA grant activities, maintenance of state authorization.							Marc Mowrey	Robin Thomas	
	GRANT ADMINISTRATION									
	FY21-22 workplan and budget	5/1/2020	Final grant workplan and budget							
	Notification to EPA of grant amendments in workplan for FY19-20	as needed	Notification letter							
	Semi-annual progress report submitted by the following dates:	3/30/19 9/30/19 3/30/20 9/30/20	Progress reports							
	Monthly grant administration calls with EPA	7/18 - 6/20 Monthly	Conference calls							
	Comments on EPA's draft End-of-Year evaluation reports 30 days after receipt	Annually	Comments via email to EPA grant coordinator							
	Host End-of-Year meeting with EPA	12/2018 12/2019	Meeting at ADEQ							
	PROGRAM AUTHORIZATION									
	Discuss with EPA any changes in the Arizona Hazardous Waste Program including proposed legislation, regulatory proposal, significant policies, and staffing	As part of monthly calls	Discussion documented in meeting notes and email							
	Update the "Federal Register Notices and State Authorization Tracking system (StATS) Reports for State Authorization under RCRA" annually	6/30/2019 6/30/2020	STATS report update							
	Develop schedule for rule adoption and updated program authorization. Include EPA review of draft rule packages prior to final publication of rules.	9/30/2018	Schedule and project plan			The following rules are anticipated to be approved for adoption in Arizona: - Condition Exclusion for CO2 Streams in Geologic Sequestration Activities - Hazardous Waste Electronic Manifest System ("One Year Rule") - Revisions to the Export Provision of the CRT Rule - Disposal of CCR from Electric Utilities (Subtitle C provisions only) - Imports and Exports of Hazardous Waste - Hazardous Waste Generator Improvements Rule - Hazardous Waste Electronic Manifest System ("Fee Rule")				

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
1.3.2 <small>by Value Stream Name</small>	Permitting and Certifications					0 FTE; \$0 Cost			
3502 Hazardous Waste	Revitalize land and prevent contamination through management of ADEQ's hazardous waste permitting program. **SEE OBJECTIVE 3.5.2 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Robin Thomas
3502 Hazardous Waste	Revitalize land and prevent contamination through creating consistency and certainty through communicating and utilizing standard permitting processes. **SEE OBJECTIVE 3.2.2 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Robin Thomas
1.3.3 <small>by Value Stream Name</small>	Compliance and Enforcement					0 FTE; \$0 Cost			
3502 Hazardous Waste	Revitalize land and prevent contamination through effective hazardous waste compliance monitoring and enforcement. Compliance with the law through an effective hazardous waste compliance monitoring and enforcement program. **SEE OBJECTIVE 3.1.3 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Robin Thomas
3502 Hazardous Waste	Revitalize land and prevent contamination through creating consistency and certainty through standardized inspections processes. **SEE OBJECTIVE 3.2.3 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Robin Thomas
1.3.4 <small>by Value Stream Name</small>	Project Management					1.35 FTE; \$264,447 Cost			
3502 Hazardous Waste	Revitalize land and prevent contamination through investigation and remediation of sites in the RCRA Corrective Action program.							Marc Mowrey	Robin Thomas
1.3.4	Process the following CORRECTIVE ACTIONS:	For each corrective action the following information will be provided: date of RFI workplan, date of RFI report, date of CMS workplan, date of CMS report, date of CMI workplan, date of CMI report. In addition, any corrective actions using “Greener Cleanups” principles will be identified in the Comments block below. Any environmental justice issues will be identified, as well as a description of any actions taken such as the development of publications in Spanish or the use of translators at public meetings or hearings.							
	Universal Propulsion Company AZD 980 814 479 Groundwater and Soils					STATUS: The CMI Workplan for the former UPCO facility was approved 6/27/16 (REF: HWP-EX2920). A supplemental CMI workplan on the soil cover at “Water Bore” was submitted 8/23/16, and approved 10/25/16 (REF: HWP-EX2951). A remedy complete determination will be entered when both the soils and groundwater remedies are complete. It is expected that the remedy for soils will be complete by 2018, and the remedy for groundwater by 2030. Any updates to the status of this corrective action will be provided in this Comment Block.			
	CMI Report	TBD	Approval						
	Clean Harbors Arizona AZD 049 318 009 Groundwater and Soils					STATUS: The CMI Workplan for soils and groundwater contamination underlying the facility was approved 12/16/16 (REF: HWP-EX2966). The remedy for soils and groundwater will be complete by 2021, and a remedy complete determination will be entered at that time. Any updates to the status of this corrective action will be provided in this Comment Block.			
	CMI Report	TBD	Approval						
	Nammo Talley AZD 020 132 502 Groundwater and Soils					STATUS: An RFI for the Thermal Treatment Unit was submitted on 11/3/16. Comments on the RFI were transmitted on 1/3/17. Updates to the status will be provided in this Comment Block.			
	CMS Workplan	12/2018	Approval						
	CMS Report	TBD	Approval						

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Bean and Company AZD 000 819 565 Soils	TBD	Approval						
	Enter Corrective Action Activity Events into the RCRAInfo database as necessary. Data events include CA050 (RFA Complete), CA350 (CMS Complete), CA400 (Remedy Decision), CA725 (Current Human Exposures Under Control), CA750 (Groundwater Releases Controlled), CA550 (Remedy Constructed), CA770 (Engineering Controls Established), CA 772 (Institutional Controls Established), CA800 (Ready for Anticipated Use), CA900 (Corrective Action Performance Standards Attained) or CA999 (Corrective Action Process Terminated)	Within 30 days of event	Update Monthly						
	Update the multi-year strategy for corrective action semi-annually	3/30/19 9/30/19 3/30/20 9/30/20	Updated with progress reports			Attachment 1.3.4.1 is the multi-year strategy for corrective action. The attachment presents a list of the hazardous waste management facilities on the 2020 corrective action baseline. It includes the projected and actual dates that human health, groundwater, remedy constructed, remedy complete, and ready for anticipated use environmental indicators have or will be achieved.	1.3.4.1 Multi-year corrective action strategy		
	Report on Status of Greener Cleanups					The status of activities conducted pursuant to the ASTM International Standard Guide for Greener Cleanups will be provided below.			
	Nammo Talley / UPCO	6/2019	Update						
	Clean Harbors Arizona/other site	6/2020	Update						
1.3.5 <small>Value Stream Name</small>	Data Management and Reporting					2.10 FTE; \$274,678 Cost			
3502 Hazardous Waste	Revitalize land and prevent contamination through management and oversight of hazardous waste facility data, manifests, and reporting.							Marc Mowrey	Robin Thomas
1.3.5	Data management and information systems oversight								
	Participate in RCRAInfo conference calls, attend training, and address software issues with EPA	7/1/18 - 6/30/20 monthly	As required						
	Attend National RCRAInfo Users Conference if possible based scheduling and travel funding	Date TBA	As required						
	Ensure RCRAInfo data is accurately reflected in the source material and support periodic EPA data audits	7/1/18 - 6/30/20							
	Administer the FAR/BRS Program								
	Provide customer assistance to LQGs and TSDFs	7/1/18 - 6/30/20	As needed						
	Conduct appropriate data entry, data QA/QC, and data analysis	7/1/18 - 6/30/20							
	Obtain long FAR forms with instructions and post the forms/instructions on ADEQ's website	11/30/18							
	Provide EPA with a list of the LQGs and TSDFs that will complete a BRS	12/31/19	1						
	Collect all LQG FAR forms	1/1/19– 3/1/19	2			EPA may grant extensions until 4/1/18 and delinquent reports will be accepted up through July 1, 2018			
	Contact sites and obtain correct information and/or amended reports.	3/1/19 – 10/31/19	As needed						

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Provide 1st extract of the BRS data electronically to EPA.	7/1/18 7/1/20	1						
	Provide final BRS data submission to EPA electronically	10/31/18	1						
	QA/QC of data, verification and cross checks against previous year's data.	7/1/18 – 10/31/18	1						
	Administer the Notification and SQG FAR Program								
	Provide customer assistance to handlers	7/1/18 - 6/30/20							
	Issue EPA ID Numbers (including permanent and provisional numbers)	7/1/18 - 6/30/20	14 days from receipt						
	Conduct appropriate Notification data entry, data QA/QC, and data analysis	7/1/17 - 6/30/19							
	Conduct appropriate SQG FAR data entry, data QA/QC, and data analysis	1/1/20 – 6/30/20							
	Research and identify handlers that have not submitted Notifications and/or FARS; take appropriate action	4/1/20 – 6/30/20							
	Review and approve FAR Summary Report and HW SQG Report	7/1/18 - 6/30/20							
	Administer the HW Manifest Program								
	Provide customer assistance to generators	7/1/18 - 6/30/20							
	Conduct appropriate HW Manifest data entry, data QA/QC, and data analysis	7/1/17 - 6/30/19	30 days from receipt						
	Research and identify HW generators that have not submitted manifests; take appropriate action	7/1/18 - 6/30/20							
	Review and approve HW Manifest Analysis Report	7/1/18 - 6/30/20							
	Facilitate deployment of EPA e-manifest system in Arizona	7/1/18 - 6/30/20							
3S02 Hazardous Waste	Revitalize land and prevent contamination through streamlining permitting through use of myDEQ web portal. **SEE OBJECTIVE 3.4.5 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Robin Thomas
1.3.6 by Value Stream Name	Monitoring					0 FTE; \$0 Cost			
1.3.7 by Value Stream Name	Outreach					0 FTE; \$0 Cost			
3S02 Hazardous Waste	Revitalize land and prevent contamination through waste minimization and administration of Arizona's Pollution Prevention (P2) Program, while increasing transparency and public participation. **SEE OBJECTIVE 2.2.7 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Robin Thomas
1S06 Legislative Affairs	Revitalize land and prevent contamination through administration of the Arizona-Mexico Border Work Plan: Program Implementation and Strategy. This output is administered through a partnership with the ADEQ Legislative Affairs Value Stream (1S06). **SEE OBJECTIVE 2.1.7 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Edna Mendoza
1S06 Legislative Affairs	Revitalize land and prevent contamination through administration of the Arizona-Mexico Border Work Plan: Program Implementation and Strategy. This output is administered through a partnership with the ADEQ Legislative Affairs Value Stream (1S06). **SEE OBJECTIVE 2.2.7 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Edna Mendoza
1S06 Legislative Affairs	Revitalize land and prevent contamination through administering the Surveillance and Enforcement sections of the Arizona-Mexico Border Work Plan. This output is administered through a partnership with the ADEQ Legislative Affairs Value Stream (1S06). **SEE OBJECTIVE 3.1.7 FOR OUTPUT & PERFORMANCE MEASURES **							Marc Mowrey	Edna Mendoza

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
1.3.8 <small>by Value Stream Name</small>	Grantor-Provided Requirements					0 FTE; \$0 Cost			
1.3	Objective Total - FYTD					3.85 FTE; \$611,316 Cost			
	PPG Only Total					2.85 FTE; \$427,063 Cost			

EPA STRATEGIC GOAL:	2.	Cooperative Federalism: Rebalance the power between Washington and the states to create tangible environmental results for the American people.								
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		2.1	Enhance Shared Accountability: Improve environmental protection through joint governance and compliance assistance among state, tribal, local, and federal partners.							
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 7,134 (3.43 FTE) labor hours, at an estimated cost of \$427,600, \$199,942 in non-personnel costs, and \$225,000 in Aid to Organizations will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 7,134 (3.43 FTE) labor hours at a cost of \$427,600, \$199,942 in non-personnel costs, and \$225,000 in Aid to Organizations. In addition to \$0 PPG State match, \$0 will be contributed from non-PPG State match, \$0 from additional State funding sources, \$0 from Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$852,542 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.										
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION		PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT					
2.1.1 by Value Stream Name	Planning, Program Development and Implementation					0 FTE; \$193,142 Cost (\$ may shift as needed for TRP)				
2S03 Air Improvement Planning	Improve air quality by enhancing shared accountability through partnering with the counties in Arizona to implement a voluntary lawn and garden equipment reduction program.								Lauren Maghran	Brian Parkey
	Provide EPA a report indicating funding provided to counties for program implementation.	6/30/19 6/30/20								
2S03 Air Improvement Planning	Improve air quality through administering and providing oversight to the Trip Reduction Program (TRP) for Counties within Arizona State.								Lauren Maghran	Brian Parkey
	Provide EPA a report indicating work performed by each county/planning organization and the financial support received each	6/30/2019 6/30/2020								
2.1.2 by Value Stream Name	Permitting and Certifications					0 FTE; \$0 Cost				
2.1.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost				
2.1.4 by Value Stream Name	Project Management					0 FTE; \$0 Cost				
2.1.5 by Value Stream Name	Data Management and Reporting					0 FTE; \$0 Cost				
2.1.6 by Value Stream Name	Monitoring					0 FTE; \$0 Cost				
2.1.7 by Value Stream Name	Outreach (includes Border and Public Participation)					3.43 FTE; \$434,400 Cost				
1S06 Legislative Affairs	Improve air quality, provide for clean and safe water, and revitalize land and prevent contamination by administering the Arizona-Mexico Border Work Plan									Edna Mendoza
	In addition to support received from EPA for activities related to the U.S.-Mexico Border 2020 Environmental Program, ADEQ collaborates with its counterparts in the State of Sonora through the Arizona-Mexico Commission (AMC). The AMC’s mission is to improve the economic prosperity and quality of life for all Arizonans through strong, public/private collaborations in advocacy, trade, networking and information. This is accomplished through binational committees, one of which is the Environment and Water Committee.									
	In December 2016, the State of Arizona entered into a memorandum of understanding with the State of Sonora in support of an Arizona-Sonora Environmental Strategic Plan (ASESP). The 2017-2021 ASEP includes priority projects in the areas of air quality, water quality, waste management and wildlife management. The latter as a result of ADEQ’s counterpart agency, the State of Sonora Ecology and Sustainable Development Commission’s (CEDES) regulatory role and collaboration with the Arizona Game and Fish Department.									

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Program Implementation EPA and its Mexican counterpart agency, the Secretariat for Environment and Natural Resources (SEMARNAT), in conjunction with the 10 border states and U.S. tribes, work under the U.S.-Mexico Border Environmental Program (Border 2020). This a binational, eight-year program with five goals. Goal 1 has air quality improvement objectives; Goal 2 is associated with water quality improvements; Goal 3 has objectives that pertain to waste management, sustainability, and clean sites; Goal 5 has objectives for compliance, enforcement and environmental stewardship.								
1S06 Legislative Affairs	Improve air quality by promoting actions to measure air pollution concentrations, identify significant sources of air pollution, and work with the Mexican governments to reduce emissions around the Arizona-Mexico border. This output is administered through a partnership with the ADEQ Air Quality Value Streams.							Lauren Maghran	Edna Mendoza
	Border 2020 Program Leadership for the Arizona-Mexico Region on Air Quality issues.								
	In support of this section of the grant, ADEQ will:								
	Continue to co-chair the Arizona-Sonora Border 2020 Air Task Force	Twice per year	2			Related activities will be summarized in semi-annual performance reports and include dates, locations, and highlights of events.			
	Participate in biennial sessions of the Borderwide Air Policy Forum and the U.S.-Mexico National Coordinators	Every two years				Related activities will be summarized in semi-annual performance reports and include dates, locations, and highlights of events.			
	Provide technical support as feasible on projects funded through the program awarded to external organizations	Ongoing							
	Logistical Support for Task Force Meetings								
	ADEQ's Office of Border Environmental Protection will:								
	Continue to provide logistical support for the Arizona-Sonora Border 2020 Air Task Force meetings, in collaboration with EPA.	Twice per year				This includes conducting outreach for public meetings of the task force to facilitate attendance when held in Arizona and assist with State of Sonora and SEMARNAT coordination.			
	Collaborate with State of Sonora partners as they implement their air quality improvement plans (ProAire Nogales and ProAire Sonora) when actions support air quality improvements in Arizona communities.	Ongoing							
	Work with EPA on employing Lean practices in the process of sending out notices of task force meetings, since currently both agencies send out notices for the same task force meetings.	Ongoing							
	ADEQ will support international transport modeling and monitoring for ozone	Ongoing	Delivery of modeling and monitoring						
	As money permits, support maintenance of mobile applications that disseminates ADEQ issued air quality index forecasts for the border communities of:								
	Nogales, Arizona	Ongoing	Support the mobile application						
	Yuma, Arizona	Ongoing	Support the mobile application						
	As money permits, development of:								
	Emissions Inventory for Nogales, Sonora	Ongoing							

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Air dispersion modeling analysis for Nogales, Sonora that identifies the sources and activities that significantly contribute to the monitored concentrations of PM ₁₀ and ozone	Ongoing							
1S06 Legislative Affairs	Revitalize land and prevent contamination through administration of the Arizona-Mexico Border Work Plan: Program Implementation and Strategy. This output is administered through a partnership with the ADEQ Hazardous Waste Value Stream (3S02).							Emily	Edna Mendoza
	<p>In addition to the outputs included in Objective 2.2.7 Increase Transparency and Public Participation, the waste management priority projects in the ASESP are:</p> <ul style="list-style-type: none"> • Identification and Cleanup Prioritization of Waste-impacted Sites in Combination with a Solid Waste Management Education Campaign • Comprehensive Electronic Waste and Discarded Domestic Appliances Management Program • Development of a Comprehensive Master Plan for the Management of Solid Waste, including consideration for: <ul style="list-style-type: none"> o Research of urban solid waste infrastructure lag and landfill locations o Provision of municipal solid waste collection, transport, and disposal equipment o Establishment of at least one solid waste recycling plant project 								
	While these are mostly focused on State of Sonora needs, improper management of waste streams in the Arizona-Sonora border region impacts Arizona communities through shared water bodies and airsheds. For example, unmanaged waste is transported into Arizona by stormwater, particularly during summer monsoon season. Also, if waste tire piles or open dump sites catch fire, the resulting smoke billows into some Arizona communities.								
	ADEQ's work plan supports the three activities listed below and is oriented towards applicable waste management federal and state laws and regulation in the border region:								
	Participate in Border 2020 Program Activities								
	Surveillance and Enforcement in the Border (activities lead through RCRA Enforcement and Corrective Action sections of work plan) **See Objective 3.1.7 for outputs and performance measures **								
	Support Materials Management and Waste Management (in coordination with and in support of RCRA Waste Minimization and Pollution Prevention Section) **See Objective 2.2.7 for outputs and performance measures **								
	Provide semi-annual performance reports to include updates for the Arizona-Mexico Border portion of the RCRA/C 3011 grant.	Semi-Annual				Work plan activities reported will include those developed through the Arizona-Sonora Border 2020 Regional Workgroup action plans and the Arizona-Sonora Environmental Strategic Plan.			
	Training								
	Although no specific training has been identified at this time, any training that supports this section of the grant and work plan will be listed in performance reports and include dates, locations and number of attendees.	As identified							
	Changes to Work Plan Activities								
	Due to changes that may occur throughout the grant cycle, ADEQ will identify any activities or accomplishments in support of the the Arizona-Mexico Border section of the grant that had not been included in the work plan.	As identified				Summarize changes in performance reports, noting how the work plan was further supported.			
	Summarize changes in performance reports, noting how the work plan was further supported.								
	Arizona-Mexico Border Program Contact								

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	ADEQ's director for the Office of Border Environmental Protection will be the primary contact for this portion of the grant. Coordination with program managers with oversight for 1) surveillance and enforcement and 2) support materials management and waste management will be done to indicate activities undertaken in the border region for performance reports.	Semi-Annual							
	Border 2020 Program Coordination and Support								
	Border 2020 Program Leadership for the Arizona-Mexico Region								
	In support of this section of the grant, ADEQ will:								
	Continue to co-chair the Arizona-Sonora Border 2020 Waste and Enforcement Task Force	Twice per year	2			Related activities will be summarized in semi-annual performance reports and include dates, locations, and highlights of events.			
	Participate in biennial sessions of the Borderwide Waste Policy Forum and the U.S.-Mexico National Coordinators	Every two years				Related activities will be summarized in semi-annual performance reports and include dates, locations, and highlights of events.			
	Provide technical support as feasible on projects funded through the program awarded to external organizations	Ongoing							
	Logistical Support for Task Force Meetings								
	ADEQ's Office of Border Environmental Protection will:								
	Continue to provide logistical support for the Arizona-Sonora Border 2020 Waste and Enforcement Task Force meetings, in collaboration with EPA and co-chairs.	Twice per year				This includes conducting outreach for public meetings of the task force to facilitate attendance when held in Arizona and assist with State of Sonora and SEMARNAT coordination.			
	Work with EPA on employing Lean practices in the process of sending out notices of task force meetings, since currently both agencies send out notices for the same task force meetings.	Ongoing							
	Consultative Mechanism								
	ADEQ will provide an annual update on TSDFs, spent lead-acid batteries and electronic waste recycling facilities in the Arizona border region in support of Consultative Mechanism requirements to exchange information with Mexico on the same.	Annually							
	Coordination with State of Sonora and Mexico Officials on Waste Management Issues								
	ADEQ's Office of Border Environmental Protection will facilitate communication with State of Sonora or Mexico federal officials to address issues related to improper waste management that may have an impact on Arizona border communities.	As needed				Relevant agencies include the State of Sonora Ecology and Sustainable Development Commission (CEDES), State of Sonora Attorney General for Environmental Protection (PROAES), SEMARNAT, and Mexico Federal Attorney General for Environmental Protection (PROFEPA).			
1S06 Legislative Affairs	Provide for clean and safe water by continuing implementation of the Border Strategy Plan by identifying water quality transboundary issues, coordinating with U.S. and Mexican counterparts toward the resolution of respective issues, and conducting water quality studies in the Arizona border region. Coordinate with EPA on Border 2020, or subsequent U.S. Mexico border environmental program activities, and provide technical support as feasible on projects funded through the program. This output is administered through a partnership with the ADEQ Water Quality Value Streams.							Helen Sanchez	Edna Mendoza & Randy Matas
	Border 2020 Program Leadership for the Arizona-Mexico Region on Water Quality issues.								

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	In support of this section of the grant, ADEQ wil coordinate with EPA and:								
	Continue to co-chair the Arizona-Sonora Border 2020 Water Task Force	Twice per year	2			Related activities will be summarized in semi-annual performance reports and include dates, locations, and highlights of events.			
	Participate in biennial sessions of the Borderwide Water Policy Forum and the U.S.-Mexico National Coordinators	Every two years				Related activities will be summarized in semi-annual performance reports and include dates, locations, and highlights of events.			
	Provide technical support as feasible on projects funded through the program awarded to external organizations	Ongoing							
	Continue support of the wastewater pretreatment program in the Ambos Nogales border region. Specific activities include:								
	Provide technical support to stakeholders. (Strategy 3.c.i)	Ongoing							
	Maintain or revise, if necessary, ADEQ's current Memorandum of Understanding with Nogales, Sonora authorities	Ongoing							
	Assist with coordination of training to enhance local pretreatment efforts	Ongoing							
	Assist with source characterization of regulated contaminants	Ongoing							
	Logistical Support for Task Force Meetings								
	ADEQ's Office of Border Environmental Protection will:								
	Continue to provide logistical support for the Arizona-Sonora Border 2020 Water Task Force meetings, in collaboration with EPA and co-chairs.	Twice per year				This includes conducting outreach for public meetings of the task force to facilitate attendance when held in Arizona and assist with State of Sonora and SEMARNAT coordination.			
	Work with EPA on employing Lean practices in the process of sending out notices of task force meetings, since currently both agencies send out notices for the same task force meetings.	Ongoing				For consistency with all other task forces.			
	Continue support of the wastewater pretreatment program in the Ambos Nogales border region. Specific activities include:								
	Participate in or chair meetings with binational stakeholders regarding issues and remedies to the water quality impairment of shared watersheds along the US/Mexico border including Nogales Wash in Ambos Nogales (Strategy 3.c.i)	Ongoing							
	In collaboration with partnering agencies, assist with technical capacity building to enhance local pretreatment efforts. This may include assistance with sampling activities and training.	Ongoing							
	Support water quality improvement actions in binational watersheds:								
	Continue to coordinate with internal programs and external partners to address cross-border sanitary sewer overflows, particularly with respect to the Santa Cruz River and San Pedro River, and their tributaries.	Ongoing							

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Assist in TMDL and groundwater quality investigations for sites located in the border region, as assigned. Investigations may include the need to photo-document conditions, collect field notes, conduct water quality sampling and data management, and/or file preliminary reports on findings. (Strategy 1.c.i; Strategy 1.c.ii)	As needed							
	Assist in the development and oversight of special conditions for permits assigned to operators of facilities in the border region that have a binational component to treat or discharge wastewater.	Ongoing							
	Provide bilingual compliance assistance or outreach to customers in the border region.								
*	Support work in Nogales, Sonora to reduce sanitary sewer overflows into Nogales Wash.	Ongoing				This output is administered through a partnership with the ADEQ Emergency Response Unit Value Stream (3S03)			
1S06 <small>Legislative Affairs</small>	Revitalize land and prevent contamination through administration of the Arizona-Mexico Border Work Plan: Program Implementation and Strategy. This output is administered through a partnership with the ADEQ Hazardous Waste Value Stream (3S02).								Edna Mendoza
	In addition to support received from EPA for activities related to the U.S.-Mexico Border 2020 Environmental Program, ADEQ collaborates with its counterparts in the State of Sonora through the Arizona-Mexico Commission (AMC). The AMC's mission is to improve the economic prosperity and quality of life for all Arizonans through strong, public/private collaborations in advocacy, trade, networking and information. This is accomplished through binational committees, one of which is the Environment and Water Committee.								
	In December 2016, the State of Arizona entered into a memorandum of understanding with the State of Sonora in support of an Arizona-Sonora Environmental Strategic Plan (ASESP). The 2017-2021 ASESP includes priority projects in the areas of air quality, water quality, waste management and wildlife management. The latter as a result of ADEQ's counterpart agency, the State of Sonora Ecology and Sustainable Development Commission's (CEDES) regulatory role and collaboration with the Arizona Game and Fish Department.								
	In addition to the waste management priority projects included in Objective 2.1.7 Enhance Shared Accountability, ADEQ will collaborate and engage with impacted stakeholders and the public, where appropriate, to:								
	Support Materials Management and Waste Management								
	Pollution Prevention, Waste Management and Sustainable Materials Management Strategies								
	ADEQ will promote and integrate pollution prevention, waste management, and sustainable materials management strategies referenced in http://www.epa.gov/smm into its border program to prevent and mitigate trans-boundary waste and illegal dumping, in collaboration with local stakeholders and partners.	Ongoing							
	Arizona Border Trash Website and Stakeholder Collaboration								
	ADEQ will continue to leverage mitigation of trash accumulation in the Arizona border region from migration by continuing to coordinate with public and private stakeholders including U.S. and Mexican environmental agencies, among them the U.S. Bureau of Land Management and U.S. Customs and Border Protection.	Ongoing							
	ADEQ will provide at least two training sessions to Borderlands Management Task Force members on the use of the website during this work plan period.	Once per year							

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
2.1.8 by Value Stream Name	Grantor-Provided Requirements					0 FTE; \$225,000 Cost			
2S01 Monitoring & Assessment	Improve air quality by passing grant money to the Pinal County Air Quality Control District to assist in on-going program obligations. These obligations include operation of an ambient monitoring program, a compliance and inspection program, tracking of specific rules required under the West Pinal PM₁₀ SIP, air quality reporting and forecasting, and general administrative overhead associated with the department.						Pinal County AQC District Budget		Brad Busby
	Transfer pass-through funding to Pinal County to accomplish the following outputs:	Within 30 days of receiving an	2 transfers completed						
	Obtain and operate the following monitoring related equipment and software:		90% data recovery /100% recovered data						
	PM ₁₀ monitors (x8)	6/30/2020	8						
	Ozone monitors (x2)	6/30/2020	2						
	Monitoring site improvements (x8)	6/30/2020	8						
	PM ₁₀ /PM _{2.5} verification equipment (x3)	6/30/2020	3						
	Meteorological monitors (x3)	6/30/2020	3						
	Camera (x1)	6/30/2020	1						
	Web data (x1)	6/30/2020	1						
	Fund one full time inspector position for the purposes of ensuring compliance with dust requirements.	7/1/18 to 6/30/20	Report number of dust inspections						
	Fund training for the following activities:		Report number of training activities						
	Emissions Inventory development (x2)	6/30/2020	2						
	Compliance and permitting (x4)	6/30/2020	4						
	Modeling (x4)	6/30/2020	4						
	Air Monitoring (x2)	6/30/2020	2						

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Perform database enhancements for the following activities:		Report number of database enhancements						
	Rule effectiveness tracking	6/30/2020							
	Air Quality Index forecasting enhancement	6/30/2020							
2.1	Objective Total - FYTD					3.43 FTE; \$852,542 Cost			
	PPG Only Total					3.43 FTE; \$852,542 Cost			

EPA STRATEGIC GOAL:	2.	Cooperative Federalism: Rebalance the power between Washington and the states to create tangible environmental results for the American people.									
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		2.2	Increase Transparency and Public Participation: Listen to and collaborate with impacted stakeholders and provide effective platforms for public participation and meaningful engagement.								
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 9,776 (4.70 FTE) labor hours, at an estimated cost of \$621,700 , and \$191,408 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 2,184 (1.05 FTE) labor hours at a cost of \$130,700 and \$2,005 in non-personnel costs. In addition to \$0 PPG State match, \$178,500 will be contributed from non-PPG State match, \$501,903 from additional State funding sources, \$0 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$813,108 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.											
OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION		PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact	
		DATE	OUTPUT	DATE	OUTPUT						
2.2.1 <small>by Value Stream Name</small>	Planning, Program Development and Implementation					1.50 FTE; \$358,104 Cost					
4S05 <small>Water Reuse</small>	Provide for clean and safe water by maintaining transparency and public participation in rulemaking regarding recycled water and by administering the Water Re-Use Program.									David Dunaway	
	Report number of listening sessions and outreach events regarding recycled water use and future rulemaking.		Semi-Annual	Report (5)			Target is five outreach events.				
2.2.2 <small>by Value Stream Name</small>	Permitting and Certifications					0 FTE; \$0 Cost					
2.2.3 <small>by Value Stream Name</small>	Compliance and Enforcement					0 FTE; \$0 Cost					
2.2.4 <small>by Value Stream Name</small>	Project Management					0 FTE; \$0 Cost					
2.2.5 <small>by Value Stream Name</small>	Data Management and Reporting					0 FTE; \$0 Cost					
2.2.6 <small>by Value Stream Name</small>	Monitoring					0 FTE; \$0 Cost					
2.2.7 <small>by Value Stream Name</small>	Outreach (includes Border and Public Participation)					3.95 FTE; \$584,404 Cost					
1S05 <small>Continuous Improvement & Business Intelligence 2.2.7</small>	Improve air quality, provide for clean and safe water, and revitalize land and prevent contamination by continuing to develop and maintain the My Community data hub that was launched in May 2018 to provide a one-stop internet site for the public to view the problems ADEQ is facing at any given time. This community resource was developed to increase transparency and public participation, along with providing a platform for meaningful engagement.									AIR: Len Drago WATER: Randy Matas LAND: Ana Vargas	
1S06 <small>Legislative Affairs</small>	Revitalize land and prevent contamination through administration of the Arizona-Mexico Border Work Plan: Program Implementation and Strategy. This output is administered through a partnership with the ADEQ Hazardous Waste Value Stream (3S02).									Edna Mendoza	
	In addition to support received from EPA for activities related to the U.S.-Mexico Border 2020 Environmental Program, ADEQ collaborates with its counterparts in the State of Sonora through the Arizona-Mexico Commission (AMC). The AMC’s mission is to improve the economic prosperity and quality of life for all Arizonans through strong, public/private collaborations in advocacy, trade, networking and information. This is accomplished through binational committees, one of which is the Environment and Water Committee.										
	In December 2016, the State of Arizona entered into a memorandum of understanding with the State of Sonora in support of an Arizona-Sonora Environmental Strategic Plan (ASESP). The 2017-2021 ASEP includes priority projects in the areas of air quality, water quality,waste management and wildlife management. The latter as a result of ADEQ’s countepart agency, the State of Sonora Ecology and Sustainable Development Commission’s (CEDES) regulatory role and collaboration with the Arizona Game and Fish Department.										
	In addition to the waste management priority projects included in Objective 2.1.7 Enhance Shared Accountability, ADEQ will collaborate and engage with impacted stakeholders and the public, where appropriate, to:										
	Support Materials Management and Waste Management										

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Pollution Prevention, Waste Management and Sustainable Materials Management Strategies								
	ADEQ will promote and integrate pollution prevention, waste management, and sustainable materials management strategies referenced in http://www.epa.gov/smm into its border program to prevent and mitigate trans-boundary waste and illegal dumping, in collaboration with local stakeholders and partners.	Ongoing							
	Arizona Border Trash Website and Stakeholder Collaboration								
	ADEQ will continue to leverage mitigation of trash accumulation in the Arizona border region from migration by continuing to coordinate with public and private stakeholders including U.S. and Mexican environmental agencies, among them the U.S. Bureau of Land Management and U.S. Customs and Border Protection.	Ongoing							
	ADEQ will provide at least two training sessions to Borderlands Management Task Force members on the use of the website during this work plan period.	Once per year							
3502 Hazardous Waste	Revitalize land and prevent contamination through waste minimization and administration of Arizona's Pollution Prevention (P2) Program, while increasing transparency and public participation.							Marc Mowrey	Robin Thomas
	ADEQ's P2 Program targets Arizona manufacturing facilities that meet the program thresholds related to hazardous waste generation or toxic substance use, and which are set forth in the Arizona statute, by requiring preparation and implementation of a P2 plan, plan amendments and annual progress reports targeting source reduction. ADEQ's P2 staff provide technical assistance to facilities to encourage the reduction or elimination of the amount and toxicity of hazardous waste generated, toxic substances used, and toxic substance releases. They also focus on reduction of solid wastes sent to landfills and reduction energy and water usage. ADEQ's P2 team also conducts presentations and hosts webinars to assist facilities in completing plans, amendments and progress reports as well as providing examples of successful P2 goals.								
	Collect, manage, and synthesize the analysis of plans and annual reports from the approximately 350 large hazardous waste generators, TRI filers and TRI toxic substance users and measure the reductions achieved.	9/30/2018 9/30/2019	Review of plans and reports						
	Information and results from P2 Program facilities will be managed in a database, aggregated, and reported in the semi-annual progress reports. The following P2 program outcomes will be included at a minimum: - Reductions in hazardous releases and hazardous inputs - Reduction in greenhouse gas releases (metric tons of carbon dioxide equivalent [MTCO2e]) - Reduced water consumption (gallons) - Cost savings associated with reducing hazardous pounds, MTCO2e, and water consumption	3/30/19 9/30/19 3/30/20 9/30/20	Data table updated with each progress report			Attachment 1.3.7 presents P2 program data. Note that reductions are collected in July 1 of each year (when annual progress reports are collected) for the previous calendar year. The reductions are finalized by January of the following year. For example, reduction data collected in July 2018 will be for the 2017 calendar year. The reviews and data will be finalized by January 2019.	1.3.7 Pollution Prevention Program Data		
	Pollution Prevention Outreach - Use outreach events, webinars, presentations, and conferences to continue to expand the P2 Program - Evaluate existing P2 data in order to determine the best ways to move the program forward - Update P2 informational materials that are on the ADEQ web site - Maintain and utilize the P2 email list to notify stakeholders of upcoming webinars, conferences, and other P2 related activities - Continue to promote EPA's programs such as Safer Choice, Water	3/30/19 9/30/19 3/30/20 9/30/20	Data table updated with each progress report						

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
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	The Rural Environmental Action (REAP) Planning program is an in-depth workshop on topics that communities and other local stakeholders identify in advance relating to solid waste diversion. ADEQ works closely with the group on identifying stakeholders. ADEQ's goal is to help those involved identify specific challenges and discuss real strategies for addressing them. After the session, ADEQ produces a recap and a next steps action plan.	3/30/19 9/30/19 3/30/20 9/30/20	Recap and next steps action plan updates provided with progress reports						
	Enter state solid waste and recycling data into EPA's State Data Measurement Sharing program annually. Include data with semi-annual progress reports.	6/30/19 6/30/20	Data entry into State Data Measurement Sharing Program and include with progress reports						
	Serve on the Western Sustainability and Pollution Prevention Network (WSPPN) Steering Committee and participate in the Network's conferences as travel budget allows. Use the resources provided by WSPPN, such as expert knowledge assistance, case studies and any other material that can be used by the P2 program facilities to continue reducing pollution.	As scheduled	Meeting or conference call participation						
4S01 Groundwater Protection	Provide for clean and safe water by continuing to pursue primacy over all classes of wells in the Underground Injection Control program.								David Dunaway
	Report status and obstacles.	Semi-Annual	Status update report.						
4S05 Water Reuse	Provide for clean and safe water by maintaining transparency and public participation in rulemaking regarding recycled water.								David Dunaway
	Report number of listening sessions and outreach events regarding recycled water use and future rulemaking.	Semi-Annual	Report (5)			Target is five outreach events.			
2.2.8 <small>by Value Stream Name</small>	Grantor-Provided Requirements					0 FTE; \$0 Cost			
2.2	Objective Total - FYTD					5.45 FTE; \$942,508 Cost			
	PPG Only Total					1.05 FTE; \$132,705 Cost			

EPA STRATEGIC GOAL:	3.	Rule of Law and Process: Administer the law, as Congress intended, to refocus the Agency on its statutory obligations under the law.								
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:	3.1	Compliance with the Law: Enforce environmental laws to correct noncompliance and promote cleanup of contaminated sites.								
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 85,675 (41.19 FTE) labor hours, at an estimated cost of \$4,752,900 , and \$22,514,246 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 20,259 (9.74 FTE) labor hours at a cost of \$1,138,600 and \$374,004 in non-personnel costs. In addition to \$3,002,947 PPG State match, \$0 will be contributed from non-PPG State match, \$21,227,010 from additional State funding sources, \$1,524,585 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$27,267,146 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.										
OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION		PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT					
3.1.1 <small>by Value Stream Name</small>	Planning, Program Development and Implementation					0 FTE; \$0 Cost				
3.1.2 <small>by Value Stream Name</small>	Permitting and Certifications					0 FTE; \$0 Cost				
3.1.3 <small>by Value Stream Name</small>	Compliance and Enforcement					41.02 FTE; \$27,208,646 Cost				
2S02 Facilities Emissions Control	Improve air quality by maintaining the effective means to achieve compliance with provisions of the Federal Asbestos National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations for jurisdictional counties. This program requires field inspections, public outreach, and enforcement activities to ensure compliance with the thorough survey, requirements, notification, emissions controls, waste disposal and management statutes and regulations. Asbestos NESHAP sources are defined to include any applicable ongoing demolition or renovation activity at a defined facility.								Lauren Maghran	Balaji Vaidyanathan
	Perform a minimum of six containment inspections of contaminated areas each year.	6/30/2019 6/30/2020	6 6							
	Perform a minimum of two asbestos landfill inspections each year.	6/30/2019 6/30/2020	2 2							
	Perform a minimum of four asbestos outreach and training seminars each year.	6/30/2019 6/30/2020	4 4							
	Respond to all asbestos complaints within 5 business days.	Ongoing	100% response within 5 business days.							
2S02 Facilities Emissions Control	Improve air quality through the chemical application projects to address dust mitigation across the State of Arizona.								Lauren Maghran	Balaji Vaidyanathan
	Report the number of sites receiving chemical application each year.	6/30/2019 6/30/2020								
2S02 Facilities Emissions Control	Improve air quality through the maintenance of the Agricultural Best Management Practices (AgBMP) program, to reduce the amount of particulate matter (PM ₁₀) emissions in the PM ₁₀ from agricultural sources in the nonattainment areas of Maricopa, Pinal, and Yuma Counties. This program comprises field inspections, public outreach, and enforcement activities to ensure compliance with the Ag MBP PM ₁₀ general permit record requirements. Ag BMP PM ₁₀ general permit records are required for commercial sources including crop operations, dairy operations, beef cattle feedlots, poultry facilities, and swine facilities.								Lauren Maghran	Balaji Vaidyanathan
	Respond to all agriculture related dust complaints within 5 business days.	Ongoing	100% response within 5 business days.							
	Perform a minimum of ten inspections of crop operations each year.	6/30/2019 6/30/2020	10 10							
	Perform a minimum of ten inspections of commercial animal operations each year.	6/30/2019 6/30/2020	10 10							
	Perform a minimum of four agricultural Best Management Practices outreach and training events each year.	6/30/2019 6/30/2020	4 4							

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
2505/06 <small>Vehicle Emissions Control</small>	Improve air quality through administering the Vehicle Emissions Control Program, which ensures that all registered Arizona vehicles comply with air quality standards through testing.							Lauren Maghran	Steve Calderon
	Measure the Compliance Rate for Vehicles, which is used to gauge how many cars are passing emissions on a monthly basis and whether countermeasures are needed to return to compliance.	Monthly Review	Number and percentage of cars passing emissions.						
	Review the number and percentage of cars passing emissions. Determine if countermeasures are needed when the percentage does not meet the current goal of 95.1%	Monthly	12 reviews per year			This number will trend up to 96.0% by the end of Fiscal Year (FY) 22.			
	Through contact oversight, ensure all contracted emission test stations comply with state and federal compliance standards.	Daily Weekly Annual	27,039 field and 444 contract oversight audits per year.						
	Manage and inspect a permitted fleet program allowing used car dealerships and fleets of 25 or more vehicles to perform emission testing.	Annual	2,440 audits per year						
	Oversees a contractor in performing remote sensing which is used to verify emission testing on vehicles in both Maricopa and Pima counties.	Annual	Target = 15,000 vehicles tested						
	Submit each study's results to EPA after a minimum of 15,000 vehicles have been tested with remote sensing.	As applicable							
	Administer the Voluntary Vehicle Repair Program (VVRP), which is a statutorily required County program managed by ADEQ that monetarily compensates motorists which have failed the emissions test with repair costs.	Annual	Target = 1,500 cars repaired annually						
3502 <small>Hazardous Waste</small>	Revitalize land and prevent contamination through effective hazardous waste compliance monitoring and enforcement. Compliance with the law through an effective hazardous waste compliance monitoring and enforcement program.							Marc Mowrey	Robin Thomas
	Management of compliance and inspection activities								
	Pima County DEQ delegation oversight/audit	Ongoing	As Needed						
	Conduct training and/or oversight inspections in order to monitor PDEQ's delegation for hazardous waste inspections.	12/31/18 12/31/19	Annual audit						
	Compliance - Formal Enforcement Action								
	Compliance/Consent Order Enforcement actions per ADEQ's policies	3/31/2019 9/30/2019 3/31/2020 9/30/2020	Number of orders finalized						
	Civil Referrals	3/31/2019 9/30/2019 3/31/2020 9/30/2020	Number of referrals						
	ADEQ PNC definition and other ADEQ policies will be used to consistently identify SNCs.	Ongoing	Per ADEQ policies						
	Formal enforcement follow-up	Ongoing	As Needed						
	Inspections - TSD Facility Inspections: Conduct RCRA TSD facility inspections including necessary preparation work and follow-up inspection activities, including inspection reports and notices of violation.								

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Prepare a list of TSD facilities to be inspected during the year by quarter, update RCRAInfo database, and prepare report.	1/31/2019 1/31/2020	Inspection List			Attachment 3.1.3.1 is a multi-tab spreadsheet presenting all inspections and compliance information for the all tasks in this section.	3.1.3.1		
	Conduct TSD Compliance Evaluation Inspections (CEI). To be equally apportioned throughout the year to the extent possible. Inspection report to be completed within 30 working days.	3/31/2019 9/30/2019 3/31/2020 9/30/2020	Inspection List						
	Inspections - Large Quantity Generator Inspections: Conduct CEIs at the large quantity generators: complete reports. Sampling and enforcement investigations may take longer. To be equally apportioned throughout the year to the extent possible.								
	Prepare a list of LQG facilities to be inspected each year, by quarter.	1/31/2019 1/31/2020	Inspection List						
	ADEQ will conduct the above at the rate of 20% per year of this grant cycle based upon current BRS (or ADEQ Facility Annual Reports in non BRS years) reporting numbers. Inspections will target facilities never inspected and non-notifiers as well as high risk facilities or facilities with poor compliance history. Inspection report to be completed within 30 days.	3/31/2019 9/30/2019 3/31/2020 9/30/2020	Inspection Completed List						
	ADEQ will conduct SQG/CESQG inspections at a rate of at least the LQG rate described above. SQG/CESQG inspections will target high risk facilities or facilities with poor compliance history and will be conducted in accordance to the approved LQG Flexibility Project plan.	3/31/2019 9/30/2019 3/31/2020 9/30/2020	Inspection Completed List						
	Create targeting scheme using reporting information, requests for EPA ID#, etc. ADEQ will discuss targeting scheme. Scheme will include the approved LQG Flexibility Project.		Inspection List						
	Coordinate with Pima County Department of Environmental Quality (PDEQ) to ensure inspections meet the outputs described above for LQGs and SQGs/CESQGs. PDEQ will forward inspection, violation, and enforcement data to ADEQ quarterly.	3/31/2019 9/30/2019 3/31/2020 9/30/2020	PDEQ data summary						
	Inform Border 2020 Program Coordinator of inspections and initiatives regarding facilities in border regions.		Ongoing						
	Prepare a list of Comprehensive Monitoring Evaluations (CMEs) facilities (groundwater monitoring inspections) to be inspected each year, by quarter. ADEQ will perform an annual operation and maintenance inspection of approved groundwater monitoring systems.	1/31/2019 1/31/2020	CME Inspection List						
	Inspections - Complaint Investigations: Investigate, triage, and respond to complaints as appropriate based on each situation and the information provided by the complainant.								
	Record complaint and referral calls, investigate complaints, and maintain log.		Ongoing						
	Conduct major high priority enforcement sampling, multi-media investigations, and remedial/corrective action inspections; write reports and NOVs.		Ongoing						
	Sampling and activities to support AGO criminal cases, multimedia, and other jurisdictions - only if it can be accomplished within existing complaint resources and activities listed above		Ongoing						
	Promote self-auditing and disclosure within the regulated community. Self-disclosures will be entered into RCRAInfo as the FSD classification.		Ongoing						

OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	COMPLIANCE - INFORMAL ENFORCEMENT/COMPLIANCE ACTIONS								
	Compliance action correspondence		As Required						
	Compliance action meetings (Technical assistance, Internal, External, etc.)		As Required						
	Remedial oversight (site visits)		As Required						
	Consent/Compliance orders drafted		As Needed						
	Amendments to existing administrative or judicial orders		As Needed						
	Compliance cases closed (returned to compliance)		Ongoing			Current ADEQ performance measure is that a facility should have Return to Compliance in not more than 60 days.			
	Compliance assistance and regulatory interpretation via telephone and written		As Requested						
	Presentations to the regulated community on the State RCRA program.		As requested and as time allows						
	Attend training courses		As they become available						
	Presentations to the regulated community in the border region on the State RCRA program and area-specific concerns.		As requested and as time allows						
	INSPECTIONS - TECHNICAL SUPPORT ACTIVITIES								
	Maintain QA/QC plan and maintenance program for health, safety, air monitoring and sampling equipment.		As Required						
	Conduct safety, sampling, and technical training for internal staff. Conduct safety and sampling drills necessary to meet OSHA requirements.		As Required						
	Timely data entry into RCRAInfo for evaluation, violations, and enforcement data elements.		As Required						
4501 Groundwater Protection	Provide for clean and safe water by implementing compliance and enforcement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize compliance assistance, outreach to prevent violations or situations jeopardizing Arizona’s groundwater from occurring.								David Dunaway
	Report the number of inspections of facilities possessing the following permit types according to risk-based inspection criteria.								
	Individual APP; General APP;GQPP/NOD/Reuse								
	Report the total number of Informal Groundwater Enforcement Actions.								
	Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual							
	Number of NOC/NOV Closures issued	Semi-Annual							
	Report the total number of Formal Groundwater Enforcement Actions.								
	Number of Administrative Orders issued.	Semi-Annual							
	Number of Administrative Orders terminated.	Semi-Annual							

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
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4502 <small>Surface Water Protection</small>	Provide for clean and safe water by conducting site inspections of AZPDES regulated facilities. AZPDES inspection reports will encompass applicable activities as described in the NPDES Compliance Inspection Manual (EPA 305-x-04-001, July 2014). Provide electronic PDF copies of all completed major and minor inspection reports within 30 days of issuance to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.								Krista Osterberg
	Pretreatment audits and inspections shall be performed in accordance with “Pretreatment Compliance Inspection and Audit Manual for Approval Authorities” (EPA 833/B-86-100, July 1986). Provide electronic PDF copies of the compliance inspection and audit reports within 30 days of issuance to the EPA Region 9 Pretreatment Coordinator and to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.							Susanne Perkins	Andy Koester
	Review each AZPDES permit application from publicly owned treatment works (POTW) without a pretreatment program to determine whether any significant industrial users (SIU) are discharging to the POTW. If so, require the POTW to develop a pretreatment program (full or SIU oversight only) in the subsequent permit or alternatively add the SIUs to the State’s SIU inventory.							Susanne Perkins	Andy Koester
	Review and approve new programs (full or SIU-oversight only) and changes to approved pretreatment programs submitted by POTWs. Provide written analyses to the POTWs when such submittals are unprovable.							Susanne Perkins	Andy Koester
	Evaluate, prepare, and take informal and formal enforcement actions for violations of water quality statutes, rules and permit conditions and federal CWA statutes, rules and permit conditions. Utilize community liaisons to track progress towards meeting compliance schedules. Provide electronic PDF copies of all formal and judicial enforcement actions when issued to R9NPDES@epa.gov, including the facility name and permit number in the email subject line.							Susanne Perkins	Andy Koester and Chris Henninger
	Manage the Arizona data in the ICIS-NPDES data system according to EPA data policies and EPA’s NPDES electronic reporting rule. This includes data collection, data entry to ICIS-NPDES of required data elements, and reporting. Data sources can include dischargers, state databases, and contractors. Electronic reporting rule requirements for storm water data shall be entered in compliance with the PPG grant condition. Arizona will ensure that data and reporting requirements as outlined in their State Implementation Plan (SIP) to meet Phase 2 requirements of EPA’s NPDES electronic reporting rule is completed on schedule and inform EPA in a reasonable time frame if projected tasks cannot be met.							Susanne Perkins	Andy Koester and Chris Henninger
	Report the total number of AZPDES point source inspections:							Susanne Perkins	Andy Koester
	Perform scheduled compliance inspections of all major facilities that are operational every other year.	6/30/2020	57			58 major permits as of April 1, 2018, 2 major infrequent general permit holders. 3 major facilities not yet constructed. Not constructed facilities will not be inspected until after construction		Susanne Perkins	Andy Koester
	Perform scheduled compliance inspections of AZPDES minor point source facilities at least once in permit term.	6/30/2020	30					Susanne Perkins	Andy Koester
	Report the total number of inspections of stormwater facilities subject to general permitting requirements.							Susanne Perkins	Chris Henninger
	Industrial	6/30/2020	150					Susanne Perkins	Chris Henninger
	Phase 1 (facilities larger than 5 acres)	6/30/2020	80					Susanne Perkins	Chris Henninger
	Phase 2 (facilities between 1-5 acres) *Inspections of facilities that do not have permit coverage but are subject to general permitting requirements shall count toward the total number of inspections.	6/30/2020	30					Susanne Perkins	Chris Henninger
	Increase permitting of industrial facilities discharging stormwater without an authorizing permit					Develop and implement outreach to increase permitting			
	Report the total number of inspections of CAFO/AFO facilities (permitted and unpermitted).							Susanne Perkins	Andy Koester
	Inspect all AZPDES permitted CAFOs on a five-year cycle	6/30/2020	0			Only one permitted CAFO that was inspected in FY18		Susanne Perkins	Andy Koester
	Inspect unpermitted CAFOs, as needed	6/30/2020						Susanne Perkins	Andy Koester
	Report the total number of Biosolids Inspections.							Susanne Perkins	Andy Koester

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	Wastewater treatment plants that land apply or surface dispose biosolids once every five years (20/5).	6/30/2020	10					Susanne Perkins	Andy Koester
	Large commercial applications	6/30/2020	8					Susanne Perkins	Andy Koester
	Small commercial applicators at least every other year; applicators applying to their own fields at least twice every five years.	6/30/2020	4					Susanne Perkins	Andy Koester
	Review annual reports submitted under biosolids rule.	6/30/2020	52					Susanne Perkins	Andy Koester
	Report the total number of sanitary sewers inspected.	6/30/2020	12			ADEQ will perform a minimum of 6 for each FY.		Susanne Perkins	Andy Koester
	Manage the pretreatment program							Susanne Perkins	Andy Koester
	Review the annual reports submitted by each POTW with an approved pretreatment program and provide written feedback when program deficiencies are found.	6/30/2020	38					Susanne Perkins	Andy Koester
	Conduct pretreatment audits (PCA) of approved pretreatment programs. The audit shall include at least two inspections of significant industrial users to independently validate the application and implementation of pretreatment standards and requirements.	6/30/2020	8					Susanne Perkins	Andy Koester
	Report the total number of pretreatment compliance inspections (PCIs) conducted for approved pretreatment programs. (A PCI shall not be conducted in the same year as a pretreatment audit.)	6/30/2020	16					Susanne Perkins	Andy Koester
	Report the total number of SIU-oversight inspections (POTW with an SIU-oversight only pretreatment program). The focus of these inspections is solely to ensure that SIUs are complying with pretreatment standards and requirements.	6/30/2020	2					Susanne Perkins	Andy Koester
	Report total number of complaints investigated relating to Clean Water Act.							Susanne Perkins	Andy Koester and Chris Henninger
	Complaints received	Semi-Annual	Semi-Annual					Susanne Perkins	Andy Koester and Chris Henninger
	Number of complaint/non-routine surface water inspections	Semi-Annual	Semi-Annual					Susanne Perkins	Andy Koester and Chris Henninger
	Report a list of informal enforcement actions issued and closed for any data not reported to ICIS:							Susanne Perkins	Andy Koester and Chris Henninger
	MSGP Issued; Closed	Semi-Annual	Semi-Annual					Susanne Perkins	Chris Henninger
	CGP Issued; Closed	Semi-Annual	Semi-Annual					Susanne Perkins	Chris Henninger
	Biosolids Issued; Closed	Semi-Annual	Semi-Annual					Susanne Perkins	Andy Koester
	CAFO Issued; Closed	Semi-Annual	Semi-Annual					Susanne Perkins	Andy Koester

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Report a list of formal enforcement actions for any data not reported to ICIS:							Susanne Perkins	Andy Koester and Chris Henninger
	Administrative Orders issued	Semi-Annual	Semi-Annual					Susanne Perkins	Andy Koester and Chris Henninger
	Administrative Orders terminated	Semi-Annual	Semi-Annual					Susanne Perkins	Andy Koester and Chris Henninger
	Complete a review and provide a response to automated QNCR (major/minor) data to identify and data inaccuracies.	Quarterly	Quarterly					Susanne Perkins	Andy Koester
	Hold meetings and/or conference calls with EPA to discuss timely and appropriate CWA enforcement. Document agreement on discussed items on follow up actions. One call each quarter will be devoted to discussing the QNCR/QNVR list and the details of actions taken on each SNC on the QNCR list. EPA's policy defines "timely" enforcement as formal enforcement taken against a facility in significant non-compliance ("SNC") within 5 ½ months of the end of the quarter in which the facility first appears as SNC on a Quarterly Non-Compliance Report ("QNCR"). Formal enforcement is defined by EPA as an administrative order or civil action that requires the facility to return to compliance. EPA will consider taking formal enforcement action against SNC facilities if ADEQ does not issue a timely formal enforcement action.	Monthly	Monthly					Susanne Perkins	Andy Koester and Chris Henninger
	Update the compliance monitoring strategy for FY19/FY20	4/15/2019				The plan will be updated with actual outputs during the EOY reporting process for each FY.		Susanne Perkins	Andy Koester and Chris Henninger
	Annual review of State Implementation Plan for Phase 2 NPDES E-rule reporting	4/15/2019						Susanne Perkins	Andy Koester and Chris Henninger
4504 Safe Drinking Water	Provide for clean and safe water by conducting compliance inspections of drinking water systems. Investigate and resolve complaints relating to regulated facilities. Respond to drinking water emergencies. Populate SDWIS sanitary survey fields. Evaluate, prepare and take informal and formal enforcement actions for violations of state drinking water program statutes and rules and for violations of delegated federal SDWA statutes and rules. Utilize community liaisons to track progress toward meeting compliance schedules. Submit the updated Enforcement Protocol Response (ERP) report within 3 weeks of receipt. Transmit the inspection report to the Drinking Water Monitoring Unit for SDWIS data entry.								Daniel Czecholinski
	Report the number of Drinking water sanitary surveys conducted, prioritized by date of last survey.								
	Scheduled inspections of all surface water (SW), surface water purchased (SWP) or ground water under the direct influence of surface water (GWUDI) primary source PWSs are on a three-year cycle.	TBD							
	Report the number of sanitary surveys completed each fiscal year, as applicable	7/31/2018 7/31/2019							
	Scheduled inspections of all non-community ground water (GW) or ground water purchased (GWP) primary source PWSs are on a five-year cycle.	TBD							
	Report the number of sanitary surveys completed each fiscal year, as applicable	7/31/2018 7/31/2019							
	Scheduled inspections of all GW and GWP primary source community systems are on a three-year cycle.	TBD							
	Report the number of sanitary surveys completed each fiscal year, as applicable	7/31/2018 7/31/2019							

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Scheduled inspections of all Outstanding Performers (GW and GWP) on a five-year cycle.	TBD							
	Report the number of sanitary surveys completed each fiscal year, as applicable	7/31/2018 7/31/2019							
	Report the total number of complaints investigated related to drinking water.	Semi-Annual							
	Report the total number of complaints/non-routine drinking water inspections.	Semi-Annual							
	Report the total number of informal Drinking Water Enforcement Actions.								
	Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual							
	Number of NOC/NOV Closures	Semi-Annual							
	Report the total number of formal Drinking Water Enforcement Actions.								
	Number of Administrative Orders issued.	Semi-Annual							
	Number of Administrative Orders terminated.	Semi-Annual							
	Evaluate and respond to EPA's July 2018 Enforcement Tracking Tool (ETT) Report	6/30/2019							
	Evaluate and respond to EPA's July 2019 Enforcement Tracking Tool (ETT) Report	6/30/2020							
	Address all water systems with a score of 11 or higher.	Semi-Annual	7/1/2019						
	During the quarterly conference calls between ADEQ and EPA Enforcement Division, discuss and identify EPA/State workshare (i.e. list of specific systems) for addressing public water systems with a score of 11 or higher.	Quarterly							
	Hold quarterly meetings and/or conference calls with EPA to discuss drinking water enforcement. Document agreement on discussed items and follow up actions.	Quarterly							
4S04 Safe Drinking Water	Provide for clean and safe water by continuing WIFA/DEQ Partnership providing operational technical assistance and tools to public water systems to assist in improving system compliance. Assistance may involve use of ADEQ staff and/or third party providers, as appropriate.								Daniel Czecholinski
	Finalize Master Priority List (MPL) for system level technical assistance in conjunction with WIFA.	3/16/2019 3/16/2020							
	Initiate System Evaluations (SEs) projects to state approved contractors and oversee contractor performance. Apply system level TA, which may include fundable ranges outlined in WIFA's Intended Use Plan (IUP), within 30 days after SEs are approved by the state.	Semi-Annually							
	Report the technical assistance provided to small PWS with a high score on the MPL.	Semi-Annually							

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
	Report the number of small PWSs in compliance with health based standards	6/30/2019 6/30/2020							
	If resources are available, ADEQ will attend the national Capacity Development and Operator Certification conference/workshop	8/16/2018 TBD 2019							
	If resources are available, ADEQ will attend the EPA-ORD Small Systems Compliance Technology Workshop	6/30/2019 6/30/2020							
	Report the number of small PWS which a water rate analysis/rate case was completed.	Semi-Annually							
4S05 <small>Water Reuse</small>	Provide for clean and safe water by implementing compliance and enforcement measures to protect Arizona aquifers that serve as drinking water sources. Evaluate, prepare and take informal and formal enforcement actions for violations of state water quality statutes, rules and permit conditions. Utilize compliance assistance, outreach to prevent violations or situations jeopardizing Arizona's groundwater from occurring.								David Dunaway
3.1.3	Report the number of inspections of facilities involved in recycled or reclaimed water.								
	Report the total number of Informal Water Reuse Enforcement Actions.								
	Number of Notices of Opportunity to Correct (NOCs) and/or Notices of Violation (NOVs) issued.	Semi-Annual							
	Number of NOC/NOV Closures issued	Semi-Annual							
	Report the total number of Formal Water Reuse Enforcement Actions.								
	Number of Administrative Orders issued.	Semi-Annual							
	Number of Administrative Orders terminated.	Semi-Annual							
3.1.4 <small>Value Stream Name</small>	Project Management					0 FTE; \$0 Cost			
3.1.5 <small>Value Stream Name</small>	Data Management and Reporting					0 FTE; \$0 Cost			
3.1.6 <small>Value Stream Name</small>	Monitoring					0 FTE; \$0 Cost			
3.1.7 <small>Value Stream Name</small>	Outreach (includes Border and Public Participation)					0.47 FTE; \$58,500 Cost			
1S06 <small>Legislative Affairs</small>	Revitalize land and prevent contamination through administering the Surveillance and Enforcement sections of the Arizona-Mexico Border Work Plan. This output is administered through a partnership with the ADEQ Hazardous Waste Value Stream (3S02).								Edna Mendoza
	Surveillance and Enforcement								
	Arizona Border Environmental Enforcement Roundtable								

OUTPUT NUMBER <small>by Value Stream Name</small>	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
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	In lieu of the defunct Arizona Border Environmental Enforcement Task Force, ADEQ will facilitate a roundtable video/teleconference on a semi-annual basis prior to the binational Arizona-Sonora Border 2020 Waste and Enforcement Task Force meetings.	Semi-Annual				The purpose will be to identify trends that are of concern to local, state and tribal environmental enforcement agencies in Arizona and U.S. federal agencies, that affect or may potentially impact communities within the 100-km border region. Such a venue will also foster collaboration among agencies and coordinate on priority concerns to relay to Mexican counterparts during binational meetings.			
	Border Inspections and Compliance								
	As part of semi-annual performance reports, ADEQ's Hazardous Waste Unit within the Waste Programs Solid Waste/Hazardous Waste Section, submit a list of inspections and compliance activities performed statewide. Those that are within the border counties of Yuma, Santa Cruz and Cochise will be noted as such to fulfill this objective.	Semi-Annual							
	Transboundary Compliance and Enforcement Issues								
	This output is linked with the Arizona Border Environmental Enforcement Roundtable output above, as well as the Border 2020 Program Leadership for the Arizona-Mexico Region and Coordination with State of Sonora and Mexico Officials on Waste Management. Issues or concerns related to the cross-border or transboundary compliance and enforcement will be noted and incorporated into those objectives and sections.	As applicable							
3.1.8 <small>Value Stream Name</small>	Grantor-Provided Requirements					0 FTE; \$0 Cost			
3.1	Objective Total - FYTD					41.49 FTE; \$27,267,146 Cost			
	PPG Only Total					9.74 FTE; \$1,512,604 Cost			

EPA STRATEGIC GOAL:	3.	Rule of Law and Process: Administer the law, as Congress intended, to refocus the Agency on its statutory obligations under the law.								
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:	3.2	Create Consistency and Certainty: Outline exactly what is expected of the regulated community to ensure good stewardship and positive environmental outcomes.								
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 2,600 (1.25 FTE) labor hours, at an estimated cost of \$120,700, and \$781,600 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 0 (0 FTE) labor hours at a cost of \$0 and \$0 in non-personnel costs. In addition to \$0 PPG State match, \$0 will be contributed from non-PPG State match, \$902,300 from additional State funding sources, \$0 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$902,300. The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.										
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION		PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT					
3.2.1 by Value Stream Name	Planning, Program Development and Implementation					0 FTE; \$0 Cost				
3.2.2 by Value Stream Name	Permitting and Certifications					0 FTE; \$130,000 Cost				
3S02 Hazardous Waste	Revitalize land and prevent contamination through creating consistency and certainty through communicating and utilizing standard permitting processes.								Marc Mowrey	Robin Thomas
	Conduct pre-application meetings with applicants for new permits and permit modifications.		As needed							
	Discuss standard processes and checklists to be used and schedule to establish expectations for permitting staff and the applicant.		Semi-Annually and As Needed							
4S01 Groundwater Protection	Provide for clean and safe water by creating guidance documents to support permittees in understanding what is current best practices of preventing pollution from impacting groundwater. Arizona’s rules and statutes specify facilities use the Best Available Demonstrated Control Technology (BADCT). These updated guidance documents and manuals will allow faster permit issuance with updated technologies, while providing consistency and certainty to the regulated community.									David Dunaway
3.2.2	Create and publish guidance documents; report new documents, as applicable		As needed	# of documents			Guidance documents will be made available via the ADEQ web site.			
	Review and update the BADCT		Annually							
3.2.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost				
3S02 Hazardous Waste	Revitalize land and prevent contamination through creating consistency and certainty through standardized inspections processes								Marc Mowrey	Robin Thomas
	Share inspection checklists with regulated facilities and discuss standard inspection practices as part of outreach and education on the inspection process.		Annually and As Needed							
3.2.4 by Value Stream Name	Project Management					0 FTE; \$0 Cost				
3.2.5 by Value Stream Name	Data Management and Reporting					0 FTE; \$0 Cost				
3.2.6 by Value Stream Name	Monitoring					1.25 FTE; \$772,300 Cost				

4S04 Safe Drinking Water	Provide for clean and safe water by assisting small public water systems serving fewer than 10,000 populations with improving system compliance through creating consistency and certainty for the regulated community by developing and implementing strategies to perform required monitoring. Provide technical assistance, develop and update monitoring guidance documents. Initiate and issue waivers. Update vulnerability assessments. Reconcile laboratory analysis report with requested tests and with individual system monitoring requirements. Assure all follow-up samples are taken. GPS points of entry, as needed.							Daniel Czecholinski
3.2.6	Update and improve monitoring schedules, including waivers and/or reduced monitoring assessments, for:							
	Groundwater PWSs	Semi-Annually		Semi-Annually				
	Surface Water PWSs	Semi-Annually		Semi-Annually				
3.2.7 by Value Stream Name	Outreach (includes Border and Public Participation)					0 FTE; \$0 Cost		
3.2.8 by Value Stream Name	Grantor-Provided Requirements					0 FTE; \$0 Cost		
3.2	Objective Total - FYTD					1.25 FTE; \$902,300 Cost		
	PPG Only Total					0.00 FTE; \$0.00 Cost		

EPA STRATEGIC GOAL:	3.	Rule of Law and Process: Administer the law, as Congress intended, to refocus the Agency on its statutory obligations under the law.							
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:	3.3	Prioritize Robust Science: Refocus the EPA's robust research and scientific analysis to inform policy making.							
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year4,534 (2.18 FTE) labor hours, at an estimated cost of \$272,400, and \$3,231 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting4,534 (2.18 FTE) labor hours at a cost of \$272,400 and \$3,231 in non-personnel costs. In addition to \$0 PPG State match, \$0 will be contributed from non-PPG State match, \$902,300 from additional State funding sources, \$0 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be\$275,631. The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.									
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact
		DATE	OUTPUT	DATE	OUTPUT				
3.3.1 by Value Stream Name	Planning, Program Development and Implementation					0 FTE; \$0 Cost			
3.3.2 by Value Stream Name	Permitting and Certifications					0 FTE; \$0 Cost			
3.3.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost			
3.3.4 by Value Stream Name	Project Management					0 FTE; \$0 Cost			
3.3.5 by Value Stream Name	Data Management and Reporting					2.18 FTE; \$275,631 Cost			
2503 Air Improvement Planning	Improve air quality through the development of a standardized pollutant-specific, area source, statewide emissions inventory of NOx and VOC air pollutant emission sources within the boundaries of the State for reporting emissions data to EPA and for use in technical analyses and area-specific State Implementation Plans.								Brian Parkey
	Compile pollutant specific, statewide [†] , area source emissions inventories that contain spatial location information by Source Classification Codes for the following pollutants:		On average: 1 Source Classification Code per week			† Statewide emissions inventory does not include emissions inventories developed by the Maricopa County Air Quality Department, Pima County Department of Environmental Quality or the Pinal County Air Quality Control District.			
	PM _{2.5}	6/30/2020	95%						
	PM ₁₀	6/30/2020	95%						
	Compile a database assessment report with recommendations for collecting and storing emissions inventory related data (Phase 2).	6/30/2019	100%						
	Process annual stationary source emission inventory reports	6/30/19 6/30/20	Annual Report						
3.3.6 by Value Stream Name	Monitoring					0 FTE; \$0 Cost			
3.3.7 by Value Stream Name	Outreach (includes Border and Public Participation)					0 FTE; \$0 Cost			
3.3.8 by Value Stream Name	Grantor-Provided Requirements					0 FTE; \$0 Cost			
3.3	Objective Total - FYTD					2.18 FTE; \$275,631 Cost			
	PPG Only Total					2.18 FTE; \$275,631 Cost			

EPA STRATEGIC GOAL:	3.	Rule of Law and Process: Administer the law, as Congress intended, to refocus the Agency on its statutory obligations under the law.								
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		3.4	Streamline and Modernize: Issue permits more quickly and modernize our permitting and reporting systems.							
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 46,467 (22.34 FTE) labor hours, at an estimated cost of \$2,846,600 , and \$243,582 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 5,096 (2.45 FTE) labor hours at a cost of \$352,100 and \$34,527 in non-personnel costs. In addition to \$0 PPG State match, \$0 will be contributed from non-PPG State match, \$2,413,333 from additional State funding sources, \$290,222 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$3,090,182 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.										
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION	PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact	
		DATE	OUTPUT	DATE	OUTPUT					
3.4.1 by Value Stream Name	Planning, Program Development and Implementation					0 FTE; \$0 Cost				
3.4.2 by Value Stream Name	Permitting and Certifications					21.69 FTE; \$2,947,794 Cost				
4S02 Surface Water Protection	Provide for clean and safe water by administering CWA §401 Certification program to ensure activities being proposed for federal permits or licenses will meet surface water quality standards.								Krista Osterberg	
	Report certification decisions on State 401 applications.	Semi-Annual					401 Certification Actions Table			
	Regional CWA 404 general permits	Semi-Annual								
	Individual CWA 404 Permits	Semi-Annual								
	Nationwide CWA 404 permits	Semi-Annual								
	Other federal permit of licenses applications	Semi-Annual								
	State 404 Assumption - finalize initial stakeholder input period and feasibility decision document	9/30/2018						Sam Ziegler	Andy Koester	
	State 404 Assumption - submit Notice of Proposed Rulemaking	11/30/2018						Sam Ziegler	Andy Koester	
	State 404 Assumption - submit Notice of Final Rulemaking to GRRC	2/20/2019						Sam Ziegler	Andy Koester	
	State 404 Assumption - Finalize narrative description and MOAs with EPA and Corps	3/30/2019						Sam Ziegler	Andy Koester	
	State 404 Assumption - submit Notice of Final Rulemaking to Secretary of State	4/30/2019						Sam Ziegler	Andy Koester	
	State 404 Assumption - Governors office submits assumption package to EPA	6/30/2019						Sam Ziegler	Andy Koester	
4S02 Surface Water Protection	Provide for clean and safe water by administering federal and state statutory requirements of the Arizona Pollutant Discharge Elimination System program to ensure discharges to surface waters will meet water quality standards and, therefore, will not degrade surface water quality. Maintain compliance through effective permitting in accordance with Department rules, practices, and policies.						AZPDES Renewal Permits Table		Krista Osterberg	
3.4.2	Report number of permitting decisions on AZPDES individual permit applications:							Elizabeth Sablad	Andy Koester	

	Issued	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Modified	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Denied	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Suspended	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Withdrawn/Revoked	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Backlogged	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Process permit renewals for all expiring AZPDES permits with a goal of 90% current to minimize backlog.		>90 Renewals			(For purposes of this work plan, 'backlog' means an AZPDES application that is 6 months after the permit expiration or one year after application receipt date for a new application.)	AZPDES Renewal Permits Table	Elizabeth Sablad	Andy Koester and Chris Henninger
	Phase I MS4 Permits	6/30/2019						Elizabeth Sablad	Chris Henninger
	Start Draft	7/2/2018						Elizabeth Sablad	Chris Henninger
	Stakeholder Meeting (large MS4 permittees)	10/3/2018						Elizabeth Sablad	Chris Henninger
	Stakeholder Meeting (if applicable)	12/5/2018						Elizabeth Sablad	Chris Henninger
	Public Notice in A.A.R.	4/5/2019						Elizabeth Sablad	Chris Henninger
	Final Issuance	6/28/2018						Elizabeth Sablad	Chris Henninger
	Review annual reports	1/31/2019						Elizabeth Sablad	Chris Henninger
	Continue Outreach efforts	Ongoing						Elizabeth Sablad	Chris Henninger
	Implement activities for MS4 Permittees							Elizabeth Sablad	Chris Henninger
	Phase I: Conduct one audit of each permittee once every five years	6/30/2020	Target = 2					Elizabeth Sablad	Chris Henninger
	Phase II: Perform one audit of each permittee once every seven years.	6/30/2020	Target = 16					Elizabeth Sablad	Chris Henninger
	Reissue the following General Permits: Multi Sector GP, Construction GP, Pesticide GP, Infrequent Discharges GP, Minor Discharges GP, Biosolids Land Application GP							Elizabeth Sablad	Andy Koester and Chris Henninger
	Reissue Industrial Stormwater Permit (MSGP)	1/31/2019						Elizabeth Sablad	Chris Henninger
	Complete internal draft, share with EPA	7/1/2018						Elizabeth Sablad	Chris Henninger
	Conduct 2018 Stakeholder Meetings	Aug-Sept 2018						Elizabeth Sablad	Chris Henninger
	Finalize draft and submit for Public Notice	Oct 2018						Elizabeth Sablad	Chris Henninger
	Prepare response to comments	Dec 2018						Elizabeth Sablad	Chris Henninger
	Finalize and issue final permit	Jan 2019						Elizabeth Sablad	Chris Henninger
	Reissue Construction General Permit	9/30/2018						Elizabeth Sablad	Chris Henninger
	Finalize draft and submit for Public Notice	7/1/2018							
	Prepare response to comments	8/31/2018							
	Finalize and issue final permit	9/30/2018							
	Reissue Pesticide General Permit	12/31/2018						Elizabeth Sablad	Chris Henninger

	Finalize and issue final permit	12/31/2018							
	Reissue Infrequent Discharger General Permit							Elizabeth Sablad	Andy Koester
	Prepare preliminary draft permit	NA - Done						Elizabeth Sablad	Andy Koester
	Stakeholder Process	NA - Done						Elizabeth Sablad	Andy Koester
	Public Notice in A.A.R.	8/1/2018						Elizabeth Sablad	Andy Koester
	Issue General Permit	11/1/2018						Elizabeth Sablad	Andy Koester
	Reissue Minor WWTP General Permit							Elizabeth Sablad	Andy Koester
	Prepare preliminary draft permit	NA - Done						Elizabeth Sablad	Andy Koester
	Stakeholder Process	NA - Done						Elizabeth Sablad	Andy Koester
	Public Notice in A.A.R.	8/1/2018						Elizabeth Sablad	Andy Koester
	Issue General Permit	11/1/2018						Elizabeth Sablad	Andy Koester
	Reissue Biosolids General General Permit							Elizabeth Sablad	Andy Koester
	Prepare preliminary draft permit	NA - Done						Elizabeth Sablad	Andy Koester
	Stakeholder Process	NA - Done						Elizabeth Sablad	Andy Koester
	Public Notice in A.A.R.	9/1/2018						Elizabeth Sablad	Andy Koester
	Issue General Permit	12/1/2018						Elizabeth Sablad	Andy Koester
	AZPDES General Permits - Review and process applications, annual reports, DMRs and SWPPPs. Report applications processed:							Elizabeth Sablad	Andy Koester
	Biosolids GP - Notices of Intent	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Biosolids GP - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Biosolids GP - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Infrequent discharge GP - Notices of Intent	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Infrequent discharge GP - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Infrequent discharge GP - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Minor discharges GP - Notices of Intent	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Minor discharges GP - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Minor discharges GP - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Multi-Sector General Permits - Notices of Intent	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Multi-Sector General Permits - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Multi-Sector General Permits - Certificate of No Exposure	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Multi-Sector General Permits - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger

	Stormwater Construction General Permits - Notices of Intent	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Stormwater Construction General Permits - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Stormwater Construction General Permits - Waivers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Stormwater Construction General Permits - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	DeMinimis General Permits - Notices of Intent Single Source	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	DeMinimis General Permits - Notices of Intent Area wide	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	DeMinimis General Permits - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	DeMinimis General Permits - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Andy Koester
	Pesticide General Permit - Notices of Intent	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Pesticide General Permit - Notices of Termination	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
	Pesticide General Permit - Number of Filers	Semi-Annual	Semi-Annual					Elizabeth Sablad	Chris Henninger
4S04 Safe Drinking Water	Provide for clean and safe water by performing Drinking Water Plan Reviews								Daniel Czecholinski
	Report numbers of permitting decisions on drinking water plan review applications, POU/POE approvals are included in the ATC/AOC numbers.								
	Approvals to Construct (ATC)	Semi-Annual							
	Approvals of Construction (AOC)	Semi-Annual							
4S04 Safe Drinking Water	Provide for clean and safe water by providing water and wastewater engineering assistance to WIFA. Pursuant to 2014 amendments to the Clean Water Act, assist WIFA's review of applicants' Cost and Effectiveness Analyses and Fiscal Sustainability Plans. Cost and Effectiveness Analyses include an evaluation of the cost and effectiveness of the Processes, materials, techniques and technologies of the projects. Fiscal Sustainability Plans include an inventory of critical assets, evaluation of asset performance, and a plan for repair and replacement. Initial implementation will be wastewater projects in the first year, but may increase and include drinking water projects over time. Also assist WIFA project managers with the American Iron and Steel requirements.								Daniel Czecholinski
	Provide engineering consultation to WIFA project managers during loan application process:								
	Review WIFA project manager's due diligence report for evaluation of project purpose, scope and cost.	2-5 projects every other month				As requested by WIFA			
	Accompany WIFA project managers on loan application visits when needed to assist with evaluation of technical aspects of project.	3 projects every other month				As requested by WIFA			
	Assist with WIFA review of applicant's Cost and Effectiveness Analyses and Fiscal Sustainability Plans.	2-4 wastewater projects				As requested by WIFA			
	Accompany WIFA project managers on construction observations when needed to assist with review of American Iron and Steel compliance.	6 visits per year				As requested by WIFA			
	Answer questions/provide engineering consultation to WIFA project managers as technical questions arise.	6/30/2019							
3.4.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost			

3.4.4 by Value Stream Name	Project Management					0 FTE; \$0 Cost			
3.4.5 by Value Stream Name	Data Management and Reporting					0 FTE; \$0 Cost			
3S02 Hazardous Waste	Revitalize land and prevent contamination through streamlining permitting through use of myDEQ web portal.							Marc Mowrey	Robin Thomas
	Manage the RCRAinfo Notification Program in Arizona using the myDEQ web portal for EPA Identification Numbers. Activities include:								
	Issuing EPA ID Numbers	Ongoing	As Needed						
	Answering questions from the public on how to fill out forms, etc.	Ongoing	As Needed						
	Upload to RCRAinfo database	Within 30 days of event	As Needed						
3.4.6 by Value Stream Name	Monitoring					.65 FTE; \$142,388 Cost			
4S04 Safe Drinking Water	Provide for clean and safe water by performing the activities that support, streamline, and modernize all the monitoring and reporting requirements and systems for public drinking water systems in accordance with state and federal drinking water rules.								Daniel Czecholinski
	Complete SDWIS reporting for OECA on actions taken on systems with new violations.	Quarterly							
	Run monitoring/reporting rules in SDWIS, or alternative system as per monitoring schedule, validate violations and ensure proper public notification is issued. Report rules that were not run.	Semi-Annual							
	Hold regular meetings and/or conference calls with EPA to discuss PWSs issues. Document agreement on discussed items and follow up actions.	Monthly	12						
	Complete GUDI determination on new groundwater sources as they are developed. Report determinations.	Semi-Annual							
	Review and respond to incremental primacy crosswalks comments as provided by EPA for PWS definition, Arsenic and Radionuclides.	Within 45 days of receipt from EPA Region 9							
	Review the January 2016 SDWIS Data Quality Report and determine high priority data quality improvement areas to be addressed in FY16.	7/1/2018							
	Conduct an oversight audit of Maricopa County delegated program	6/30/2019							
	If resources are available, attend the annual ASDWA Data Management Users Conference	Semi-Annually							
	Coordinate with EPA to schedule an EPA PWSS program review	10/1/2018							
	Review EPA's PWSS program review report and incorporate recommendations into the FY17 workplan as appropriate.	6/30/2019							
3.4.7 by Value Stream Name	Outreach (includes Border and Public Participation)					0 FTE; \$0 Cost			
3.4.8 by Value Stream Name	Grantor-Provided Requirements					0 FTE; \$0 Cost			

3.4	Objective Total - FYTD	22.34 FTE; \$3,090,182 Cost			
	PPG Only Total	2.45 FTE; \$386,627 Cost			

EPA STRATEGIC GOAL:	3.	Rule of Law and Process: Administer the law, as Congress intended, to refocus the Agency on its statutory obligations under the law.										
EPA OBJECTIVE / ADEQ PROGRAM ELEMENT:		3.5	Improve Efficiency and Effectiveness: Provide proper leadership and internal operations management to ensure that the Agency is fulfilling its mission.									
To accomplish the results for this EPA Objective/ADEQ Program Element, it is estimated that each year 31,574 (15.18 FTE) labor hours, at an estimated cost of \$1,826,200 , and \$179,304 in non-personnel costs will be needed for the 2019-2020 grant cycle. This cost will be shared as shown in the budget narrative with the PPG supporting 22,173 (10.66 FTE) labor hours at a cost of \$1,298,300 and \$156,954 in non-personnel costs. In addition to \$0 PPG State match, \$0 will be contributed from non-PPG State match, \$483,650 from additional State funding sources, \$66,600 from other Intergovernmental Agreements, and \$0 from other Federal sources. The total expenditure is estimated to be \$2,005,504 . The planned outcomes are delineated among nine Output Categories. A cost summary for each Output Category is included in the Comments Section of the Category Header. Costs are captured within the EPA Strategic Goal and/or Objective with which the results/performance measures are associated.												
OUTPUT NUMBER by Value Stream Name	OUTPUT DESCRIPTION		PLANNED		ACTUAL		COMMENTS	Attachment	EPA Unit or Program Contact	ADEQ Program Contact		
		DATE	OUTPUT	DATE	OUTPUT							
3.5.1 by Value Stream Name	Planning, Program Development and Implementation						0 FTE; \$0 Cost					
3.5.2 by Value Stream Name	Permitting and Certifications						1.51 FTE; \$253,024 Cost					
2501 Monitoring & Assessment	Improve air quality by improving the efficiency and effectiveness of the Smoke Management Program, which is specific to forest and rangeland prescribed burns performed by federal and state land managers and also involves the tracking and response to wildfire smoke impacts.									Brad Busby		
	Make active prescribed burn data available to the public through publication of data to the internet through ADEQ's website.	Ongoing										
	Gather prescribed burn data	Ongoing										
	Evaluate smoke dispersion potential of prescribed fires and wildfires.	Ongoing										
	Issue permits for daily prescribed burn activity.	Ongoing										
	Assist in air quality monitoring needs related to smoke from prescribed burns and wildfires.	Ongoing										
	Track Emission Reduction Techniques (ERTs)	Ongoing										
	Encourage regional coordination between burner for adherence to EPA's Regional Haze Rule.	Ongoing										
3502 Hazardous Waste	Revitalize land and prevent contamination through improving efficiency and effectiveness in the management of ADEQ's hazardous waste permitting program.								Marc Mowrey	Robin Thomas		
	Final Decisions for the following PERMITS, CLOSURES and SIGNIFICANT PERMIT MODIFICATIONS. Additional significant permit projects will be added as necessary. Draft permits will be submitted to EPA for review prior to the start of the public comment period in accordance with the MOA between Arizona and EPA Region 9.	For each permitting project the following information will be provided in the COMMENTS block: date of application submittal, date of draft permit decision, date of public notice, date of public hearing, and the effective date of the permit. Any environmental justice issues will also be identified, as well as a description of any actions taken, such as the development of publications in Spanish or the use of translators at public meetings or hearings.										
	Conn-Selmer, Inc. AZT 000 612 135 Post-Closure Permit (Renewal)	6/30/2019	Final Decision			Permit Application is for Post-Closure and Corrective Action; Permit application is due 12/22/2018						
	Clean Harbors Arizona AZD 049 318 009 Operating Permit (Renewal)	6/30/2020	Final Decision			Permit Application is for Operations; Permit application is due 12/28/2019						
	Nammo Talley AZD 020 132 502 Post Closure Permit (Initial)	TBD	Final Decision			Permit Application is for Post-Closure and Corrective Action; awaiting landowner signature before further processing						

	Nammo Talley AZD 020 132 502 Final Closure of "Thermal Treatment Unit" (GPRA Permits)	TBD	Approval			Final closure of the former-open burning facility (identified by Talley as the "Thermal Treatment Unit") STATUS: Closure plan was submitted 3/2/09. A draft Interim Response Action (IRA) work plan was submitted 4/4/16. Comments were provided on 2/21/17 (REF: HWP-EX2980).			
	Innovative Waste Utilization AZD 980 892 731 Final Closure (GPRA Permits)	TBD	Approval						
	Enter Permit Activity Events, permit modification, and financial assurance data into the RCRAInfo database.	Within 30 days of event	Update Monthly						
	Update the multi-year strategies for permitting and closure semi-annually	3/30/19 9/30/19 3/30/20 9/30/20	Updated with progress reports			Attachment 1.3.2.1 is the multi-year permitting strategy. Attachment 1.3.2.2 is the multi-year closure strategy.	3.5.2.1 Multi-year permitting strategy 1.3.2.2 Multi-year closure strategy		
	Update the financial assurance summary semi-annually	3/30/19 9/30/19 3/30/20 9/30/20	Updated with progress reports			Attachment 1.3.2.3 is the financial assurance status for hazardous waste management facilities.	1.3.2.3 Financial assurance summary		
3.5.3 by Value Stream Name	Compliance and Enforcement					0 FTE; \$0 Cost			
3.5.4 by Value Stream Name	Project Management					0 FTE; \$0 Cost			
3.5.5 by Value Stream Name	Data Management and Reporting					12.04 FTE; \$1,428,986 Cost			
2501 Monitoring & Assessment	Improve air quality through continued support and improvement of the ambient air monitoring data collection system, AirVision, including maintenance and upgrades of the software, including providing near-real-time public access to data.								Brad Busby
	Make air quality data available to the public through publication of data to the internet through ADEQ's website.	Ongoing							
	Collected air pollution data accessible to the public		90% in near-real-time						
	Develop data archive accessibility for the public	6/30/2019	Phase One						
	Implement and improve data archive accessibility for the public	6/30/2020	Phase Two						
	Develop additional tools for deploying data and forecasting information to the public (e.g., phone applications, website, etc.)	Ongoing							
	Vendor support for software implementation and bug resolution invoices paid within 30 days of receipt.	Ongoing							
	Expand upon Level One ADVP (Auto Data Validation Protocols)	Ongoing							
	Vendor developed push-button uploads of data from AirVision to Air Quality Systems (AQS) invoices paid within 30 days of receipt.	Ongoing							
4500 Water Quality Division	Provide for clean and safe water by facilitating the development and management of relevant database applications. Facilitate the development of new and expansion of existing e-government applications. Facilitate and improve the efficiency and effectiveness of water data capture, storage, access, retrievals, analysis, integration, and sharing.								Randy Matas
	All water quality data generated in accordance with an EPA approved Quality Assurance Project Plan will be transmitted into the Agency's Storage and Retrieval (STORET) data warehouse using either the Water Quality Exchange (WQX) or WQXweb. Water quality data that are appropriate for STORET include physical, chemical, and biological sample results for water, sediment and fish tissue. The data include toxicity data, microbiological data, and the metrics and indices generated from biological and habitat data. WQX is the water data schema associated with the EPA, State and Tribal Exchange Network. More information about WQX, WQXweb, and the STORET warehouse, including tutorials, can be found at http://www.epa.gov/storet/wqx/								

	Conduct gap analysis to inform design and programming of the required systems to implement EPA's E-reporting rule, including E-DMR.	6/30/2019 6/30/2020							
	Continue to diagnose and fix bugs in ADEQ Water Quality Compliance Database uploads to EPA Integrated Compliance Information System database.	6/30/2019 6/30/2020							
	Continue to assist in the analysis and design of myDEQ.	6/30/2019 6/30/2020							
3.5.6 by Value Stream Name	Monitoring					1.63 FTE; \$323,493 Cost			
2501 Monitoring & Assessment	Improve air quality by continuously evaluating and improving network design, site operations, data collection and processing, quality assurance and control, and reporting activities during the grant period.								Brad Busby
	From EPA funded, ADEQ operated monitors, achieve:	4/30/2019 4/30/2020							
	High data recovery		90% data recovery						
	High quality data		100% recovered data QA/QC'd						
	Timely reporting of data		100% on-time data certification						
	From EPA funded, ADEQ operated monitors:								
	Maintain and operate state-of-the-art monitoring equipment	Ongoing							
	Monitor equipment refresh	At least every 7 years							
	5-Year Network Plan	7/1/2020	100% on-time delivery						
	Conduct Annual Network Review	7/1/2019 7/1/2020	100% on-time delivery						
	Quality Assurance Project Plan Development:		100% approval rating on submissions to EPA						
	TBD, as applicable	9/30/2019							
	TBD, as applicable	12/31/2019							
	TBD, as applicable	6/30/2020							
	TBD, as applicable	12/31/2020							
3.5.7 by Value Stream Name	Outreach (includes Border and Public Participation)					0 FTE; \$0 Cost			
3.5.8 by Value Stream Name	Grantor-Provided Requirements					0 FTE; \$0 Cost			
3.5	Objective Total - FYTD					15.18 FTE; \$2,005,504 Cost			
	PPG Only Total					10.66 FTE; \$1,455,254 Cost			